

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078640.D
 Acq On : 25 Jul 2023 11:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 26 04:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	495533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	816463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	745170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	314081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	313036	47.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.240%		
35) Dibromofluoromethane	8.177	113	288874	52.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.240%		
50) Toluene-d8	10.571	98	1010281	48.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.500%		
62) 4-Bromofluorobenzene	12.853	95	335155	51.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	316059	52.022	ug/l	99
3) Chloromethane	2.371	50	362769	54.936	ug/l	98
4) Vinyl Chloride	2.518	62	449628	52.635	ug/l	98
5) Bromomethane	2.948	94	304614	57.082	ug/l	100
6) Chloroethane	3.118	64	292746	56.918	ug/l	99
7) Trichlorofluoromethane	3.495	101	496611	48.633	ug/l	100
8) Diethyl Ether	3.971	74	172176	50.608	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	270794	50.096	ug/l	96
10) Methyl Iodide	4.595	142	392303	52.814	ug/l	97
11) Tert butyl alcohol	5.536	59	241401	235.653	ug/l	99
12) 1,1-Dichloroethene	4.348	96	258410	49.421	ug/l	93
13) Acrolein	4.195	56	205806	204.200	ug/l	95
14) Allyl chloride	5.036	41	332967	46.603	ug/l	96
15) Acrylonitrile	5.730	53	632608	244.415	ug/l	100
16) Acetone	4.436	43	537174	259.587	ug/l	91
17) Carbon Disulfide	4.718	76	723823	47.873	ug/l	99
18) Methyl Acetate	5.036	43	413431	47.196	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	884683	51.352	ug/l	98
20) Methylene Chloride	5.283	84	316035	53.324	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	294220	49.934	ug/l	86
22) Diisopropyl ether	6.677	45	821823	51.369	ug/l	94
23) Vinyl Acetate	6.612	43	2691947	264.677	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	527242	48.909	ug/l	97
25) 2-Butanone	7.494	43	806261	247.515	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	464396	52.670	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	343561	50.403	ug/l	93
28) Bromochloromethane	7.824	49	236914	46.660	ug/l	96
29) Tetrahydrofuran	7.847	42	517717	242.216	ug/l	87
30) Chloroform	7.971	83	563014	50.165	ug/l	96
31) Cyclohexane	8.265	56	419993	46.781	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	509971	50.681	ug/l	97
36) 1,1-Dichloropropene	8.377	75	419235	52.386	ug/l	98
37) Ethyl Acetate	7.571	43	335968	50.361	ug/l	96
38) Carbon Tetrachloride	8.371	117	462951	53.227	ug/l	98
39) Methylcyclohexane	9.606	83	407834	55.831	ug/l	92
40) Benzene	8.612	78	1258094	53.065	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078640.D
 Acq On : 25 Jul 2023 11:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

Quant Time: Jul 26 04:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	175124	51.494	ug/l	92
42) 1,2-Dichloroethane	8.677	62	419580	52.030	ug/l	100
43) Isopropyl Acetate	8.694	43	568527	51.763	ug/l	97
44) Trichloroethene	9.359	130	338866	53.031	ug/l	94
45) 1,2-Dichloropropane	9.630	63	321654	53.566	ug/l	96
46) Dibromomethane	9.718	93	232641	55.045	ug/l	92
47) Bromodichloromethane	9.894	83	454715	53.673	ug/l	96
48) Methyl methacrylate	9.688	41	271078	53.273	ug/l	89
49) 1,4-Dioxane	9.700	88	117611	1059.848	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	1717352	262.873	ug/l	95
52) Toluene	10.635	92	802766	54.632	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	483272	55.681	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	530528	57.344	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	317235	54.796	ug/l	96
56) Ethyl methacrylate	10.877	69	452591	55.924	ug/l	94
57) 1,3-Dichloropropane	11.171	76	526316	53.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	767972	266.277	ug/l	95
59) 2-Hexanone	11.200	43	1218728	262.483	ug/l	93
60) Dibromochloromethane	11.365	129	360105	56.342	ug/l	100
61) 1,2-Dibromoethane	11.477	107	333458	55.913	ug/l	97
64) Tetrachloroethene	11.112	164	301235	53.769	ug/l	98
65) Chlorobenzene	11.894	112	855068	51.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	335151	52.305	ug/l	98
67) Ethyl Benzene	11.971	91	1496712	53.160	ug/l	99
68) m/p-Xylenes	12.076	106	1159314	111.369	ug/l	99
69) o-Xylene	12.406	106	559748	53.237	ug/l	97
70) Styrene	12.418	104	911863	55.435	ug/l	97
71) Bromoform	12.582	173	247743	57.088	ug/l #	98
73) Isopropylbenzene	12.700	105	1406352	47.653	ug/l	98
74) N-amyl acetate	12.500	43	471707	46.380	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	430015	52.311	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	338648m	44.608	ug/l	
77) Bromobenzene	12.988	156	342830	53.526	ug/l	93
78) n-propylbenzene	13.041	91	1565793	49.610	ug/l	100
79) 2-Chlorotoluene	13.129	91	973178	47.074	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1130519	48.482	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	135424	46.876	ug/l	96
82) 4-Chlorotoluene	13.229	91	932767	48.366	ug/l	97
83) tert-Butylbenzene	13.441	119	951358	48.054	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1103621	48.725	ug/l	97
85) sec-Butylbenzene	13.623	105	1216661	48.620	ug/l	99
86) p-Isopropyltoluene	13.735	119	997111	49.624	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	578979	51.103	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	567965	49.770	ug/l	98
89) n-Butylbenzene	14.059	91	745328	51.842	ug/l	98
90) Hexachloroethane	14.335	117	188150	50.961	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	555852	49.299	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70027	49.547	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	185633	51.587	ug/l	99
94) Hexachlorobutadiene	15.506	225	111486	60.782	ug/l	100
95) Naphthalene	15.647	128	540851	43.965	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	201813	48.775	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
Data File : VN078640.D
Acq On : 25 Jul 2023 11:19
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

Quant Time: Jul 26 04:42:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

