

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077958.D
 Acq On : 30 May 2023 10:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 02:02:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	407324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	717402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	624709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	277994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	293922	48.227	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.460%		
35) Dibromofluoromethane	8.177	113	249339	53.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.600%		
50) Toluene-d8	10.571	98	920707	51.132	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.260%		
62) 4-Bromofluorobenzene	12.859	95	322835	50.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	191581	41.328	ug/l	98
3) Chloromethane	2.371	50	214081	43.318	ug/l	98
4) Vinyl Chloride	2.524	62	273763	46.841	ug/l	98
5) Bromomethane	2.959	94	206122	47.685	ug/l	97
6) Chloroethane	3.124	64	198245	47.067	ug/l	99
7) Trichlorofluoromethane	3.506	101	393087	48.261	ug/l	99
8) Diethyl Ether	3.965	74	141371	47.543	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	217362	48.222	ug/l	98
10) Methyl Iodide	4.601	142	301097	56.011	ug/l	99
11) Tert butyl alcohol	5.524	59	180793	214.945	ug/l	99
12) 1,1-Dichloroethene	4.348	96	214757	50.128	ug/l	90
13) Acrolein	4.189	56	100777	185.136	ug/l	96
14) Allyl chloride	5.036	41	325271	51.683	ug/l	95
15) Acrylonitrile	5.730	53	511779	227.747	ug/l	98
16) Acetone	4.436	43	471673	245.990	ug/l	94
17) Carbon Disulfide	4.718	76	535317	46.375	ug/l	100
18) Methyl Acetate	5.036	43	370530	46.063	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	758907	48.940	ug/l	99
20) Methylene Chloride	5.289	84	256049	51.359	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	236529	49.150	ug/l	88
22) Diisopropyl ether	6.683	45	733095	49.695	ug/l	95
23) Vinyl Acetate	6.612	43	2169927	237.412	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	459308	50.822	ug/l	98
25) 2-Butanone	7.494	43	672378	224.166	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	400201	52.122	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	293218	50.816	ug/l	91
28) Bromochloromethane	7.818	49	192193	49.172	ug/l	88
29) Tetrahydrofuran	7.847	42	428503	218.176	ug/l #	84
30) Chloroform	7.971	83	493662	49.656	ug/l	95
31) Cyclohexane	8.265	56	373468	45.086	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	440079	52.066	ug/l	97
36) 1,1-Dichloropropene	8.377	75	360374	52.667	ug/l	97
37) Ethyl Acetate	7.571	43	273900	44.911	ug/l	94
38) Carbon Tetrachloride	8.371	117	392196	56.762	ug/l	98
39) Methylcyclohexane	9.606	83	404879	48.333	ug/l	91
40) Benzene	8.612	78	1060608	52.527	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	147170	45.312	ug/l	93
42) 1,2-Dichloroethane	8.683	62	369945	50.437	ug/l	98
43) Isopropyl Acetate	8.694	43	493369	49.527	ug/l	94
44) Trichloroethene	9.359	130	277335	54.244	ug/l	100
45) 1,2-Dichloropropane	9.630	63	275938	53.576	ug/l	92
46) Dibromomethane	9.712	93	190960	51.815	ug/l	96
47) Bromodichloromethane	9.894	83	392888	55.683	ug/l	99
48) Methyl methacrylate	9.688	41	223614	47.346	ug/l	91
49) 1,4-Dioxane	9.700	88	87586	981.851	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1424494	240.570	ug/l	93
52) Toluene	10.635	92	691873	55.040	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	415211	55.570	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	454055	55.144	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	260234	52.138	ug/l	97
56) Ethyl methacrylate	10.882	69	391360	51.858	ug/l	93
57) 1,3-Dichloropropane	11.171	76	441486	51.596	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	785114	211.468	ug/l	93
59) 2-Hexanone	11.200	43	994916	227.162	ug/l	93
60) Dibromochloromethane	11.365	129	293464	56.954	ug/l	99
61) 1,2-Dibromoethane	11.477	107	264834	53.187	ug/l	98
64) Tetrachloroethene	11.112	164	257324	58.901	ug/l	97
65) Chlorobenzene	11.900	112	732809	54.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	278136	59.354	ug/l	99
67) Ethyl Benzene	11.971	91	1332024	54.884	ug/l	98
68) m/p-Xylenes	12.076	106	1019819	110.898	ug/l	99
69) o-Xylene	12.406	106	495095	54.744	ug/l	97
70) Styrene	12.418	104	801342	55.778	ug/l	98
71) Bromoform	12.588	173	188981	60.623	ug/l #	98
73) Isopropylbenzene	12.700	105	1295518	54.063	ug/l	99
74) N-amyl acetate	12.500	43	396499	44.764	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	356225	48.322	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	317666m	45.629	ug/l	
77) Bromobenzene	12.988	156	282591	51.676	ug/l	98
78) n-propylbenzene	13.041	91	1482652	52.481	ug/l	100
79) 2-Chlorotoluene	13.129	91	889168	52.745	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1082730	53.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	131102	60.194	ug/l	91
82) 4-Chlorotoluene	13.229	91	849512	50.648	ug/l	98
83) tert-Butylbenzene	13.447	119	919339	52.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1069608	54.000	ug/l	99
85) sec-Butylbenzene	13.623	105	1268841	50.779	ug/l	99
86) p-Isopropyltoluene	13.735	119	1057787	53.100	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	509272	50.357	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	495795	49.403	ug/l	99
89) n-Butylbenzene	14.065	91	859403	46.904	ug/l	98
90) Hexachloroethane	14.341	117	194124	59.319	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	500131	52.936	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59876	41.952	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	212477	38.485	ug/l	97
94) Hexachlorobutadiene	15.512	225	93262	40.684	ug/l	98
95) Naphthalene	15.647	128	625187	32.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	216766	40.100	ug/l	98

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

