

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073425.D
 Acq On : 11 Jul 2022 17:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 12 07:29:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	200800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	351010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	324152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	159394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	163195	56.298	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.600%			
35) Dibromofluoromethane	7.951	113	127474	54.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.180%			
50) Toluene-d8	10.381	98	442992	53.409	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.669	95	180331	56.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	145606	49.598	ug/l	98
3) Chloromethane	2.269	50	132484	46.483	ug/l	99
4) Vinyl Chloride	2.405	62	116701	48.190	ug/l	99
5) Bromomethane	2.787	94	51745	45.239	ug/l	100
6) Chloroethane	2.958	64	73731	51.757	ug/l	98
7) Trichlorofluoromethane	3.310	101	207580	49.581	ug/l	100
8) Diethyl Ether	3.769	74	92815	54.459	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.140	101	121074	48.942	ug/l	98
10) Methyl Iodide	4.346	142	127494	43.265	ug/l	92
11) Tert butyl alcohol	5.293	59	211912	301.778	ug/l	99
12) 1,1-Dichloroethene	4.116	96	115635	48.919	ug/l	94
13) Acrolein	3.981	56	93405	210.445	ug/l	95
14) Allyl chloride	4.757	41	272721	54.766	ug/l #	91
15) Acrylonitrile	5.475	53	553653	306.278	ug/l	99
16) Acetone	4.222	43	504729	310.196	ug/l	94
17) Carbon Disulfide	4.457	76	280290	45.729	ug/l	99
18) Methyl Acetate	4.775	43	281901	61.823	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	477512	55.426	ug/l	97
20) Methylene Chloride	5.010	84	146371	51.187	ug/l #	87
21) trans-1,2-Dichloroethene	5.510	96	124495	50.405	ug/l	98
22) Diisopropyl ether	6.416	45	545016	58.653	ug/l	96
23) Vinyl Acetate	6.351	43	2338767	281.117	ug/l #	91
24) 1,1-Dichloroethane	6.310	63	268657	55.870	ug/l	97
25) 2-Butanone	7.257	43	822014	317.311	ug/l #	87
26) 2,2-Dichloropropane	7.251	77	200654	45.117	ug/l	98
27) cis-1,2-Dichloroethene	7.246	96	154429	51.630	ug/l	94
28) Bromochloromethane	7.581	49	124423	61.782	ug/l #	80
29) Tetrahydrofuran	7.610	42	550298	310.234	ug/l #	85
30) Chloroform	7.745	83	269768	55.700	ug/l	96
31) Cyclohexane	8.022	56	231580	48.780	ug/l	89
32) 1,1,1-Trichloroethane	7.945	97	231444	53.623	ug/l	98
36) 1,1-Dichloropropene	8.151	75	184366	51.307	ug/l	98
37) Ethyl Acetate	7.340	43	318217	58.609	ug/l #	94
38) Carbon Tetrachloride	8.134	117	189555	51.011	ug/l	97
39) Methylcyclohexane	9.392	83	216113	48.308	ug/l	94
40) Benzene	8.387	78	584221	52.682	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073425.D
 Acq On : 11 Jul 2022 17:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 07:29:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	162519	61.719	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	221084	54.997	ug/l	97
43) Isopropyl Acetate	8.492	43	446449	57.214	ug/l #	92
44) Trichloroethene	9.151	130	138724	49.156	ug/l	83
45) 1,2-Dichloropropane	9.422	63	157628	55.767	ug/l	97
46) Dibromomethane	9.516	93	104064	54.223	ug/l	92
47) Bromodichloromethane	9.698	83	211615	56.930	ug/l	99
48) Methyl methacrylate	9.498	41	201068	55.652	ug/l	89
49) 1,4-Dioxane	9.504	88	86845	1266.200	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	1554695	314.183	ug/l	90
52) Toluene	10.445	92	360996	52.674	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	220671	53.927	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	241279	54.616	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	155213	55.012	ug/l	98
56) Ethyl methacrylate	10.704	69	252580	55.386	ug/l #	82
57) 1,3-Dichloropropane	10.981	76	266307	55.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	588320	289.268	ug/l	94
59) 2-Hexanone	11.028	43	1205339	319.549	ug/l	87
60) Dibromochloromethane	11.181	129	154072	57.275	ug/l	100
61) 1,2-Dibromoethane	11.286	107	155261	55.093	ug/l	100
64) Tetrachloroethene	10.916	164	127943	48.336	ug/l	96
65) Chlorobenzene	11.710	112	370720	50.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.781	131	138874	51.501	ug/l	99
67) Ethyl Benzene	11.786	91	693974	52.142	ug/l	97
68) m/p-Xylenes	11.892	106	524194	104.359	ug/l	95
69) o-Xylene	12.222	106	259888	50.683	ug/l	94
70) Styrene	12.233	104	439472	55.511	ug/l	98
71) Bromoform	12.398	173	113671	57.610	ug/l #	97
73) Isopropylbenzene	12.516	105	687254	49.930	ug/l	99
74) N-amyl acetate	12.328	43	345992	50.201	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	241723	52.922	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	215114m	51.613	ug/l	
77) Bromobenzene	12.798	156	158921	49.660	ug/l	85
78) n-propylbenzene	12.857	91	787478	51.499	ug/l	97
79) 2-Chlorotoluene	12.945	91	485490	50.165	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	574223	51.183	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	74843	49.247	ug/l	88
82) 4-Chlorotoluene	13.045	91	470042	50.168	ug/l	96
83) tert-Butylbenzene	13.263	119	495732	49.287	ug/l	93
84) 1,2,4-Trimethylbenzene	13.304	105	567241	50.642	ug/l	96
85) sec-Butylbenzene	13.439	105	704595	52.169	ug/l	98
86) p-Isopropyltoluene	13.557	119	570182	52.261	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	281168	48.974	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	279961	48.670	ug/l	99
89) n-Butylbenzene	13.880	91	472904	52.017	ug/l	98
90) Hexachloroethane	14.145	117	100101	49.232	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	289516	49.504	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	59430	53.533	ug/l	84
93) 1,2,4-Trichlorobenzene	15.192	180	154718	50.808	ug/l	98
94) Hexachlorobutadiene	15.298	225	67782	50.072	ug/l	99
95) Naphthalene	15.433	128	592157	48.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	158314	50.398	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
Data File : VN073425.D
Acq On : 11 Jul 2022 17:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 07:29:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

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

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

