

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072910.D
 Acq On : 17 Jun 2022 14:14
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 18 05:43:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 05:42:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	323041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	566235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	496095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	24047	4.323	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	8.640%#		
35) Dibromofluoromethane	7.951	113	17858	3.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	7.500%#		
50) Toluene-d8	10.375	98	67358	3.617	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	7.240%#		
62) 4-Bromofluorobenzene	12.663	95	23729	3.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	7.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	14272	3.373	ug/l	85
3) Chloromethane	2.269	50	18136	3.771	ug/l	97
4) Vinyl Chloride	2.410	62	14275	3.817	ug/l	93
5) Bromomethane	2.787	94	6442	4.522	ug/l	99
6) Chloroethane	2.946	64	8159	3.673	ug/l #	85
7) Trichlorofluoromethane	3.310	101	24728	3.582	ug/l	98
8) Diethyl Ether	3.775	74	11193	3.732	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.140	101	15680	3.865	ug/l	98
10) Methyl Iodide	4.346	142	18032	3.689	ug/l	97
11) Tert butyl alcohol	5.298	59	28945	19.777	ug/l	98
12) 1,1-Dichloroethene	4.116	96	15592	3.655	ug/l	94
13) Acrolein	3.993	56	10682	22.068	ug/l	98
14) Allyl chloride	4.763	41	32745	3.781	ug/l #	94
15) Acrylonitrile	5.475	53	64692	20.145	ug/l	99
16) Acetone	4.234	43	59022	20.525	ug/l	95
17) Carbon Disulfide	4.457	76	39812	3.482	ug/l	98
18) Methyl Acetate	4.793	43	34183	4.163	ug/l	93
19) Methyl tert-butyl Ether	5.540	73	58267	3.739	ug/l #	90
20) Methylene Chloride	5.016	84	19848	3.897	ug/l	88
21) trans-1,2-Dichloroethene	5.516	96	17230	3.813	ug/l	91
22) Diisopropyl ether	6.416	45	63322	3.949	ug/l	96
23) Vinyl Acetate	6.351	43	284618	19.547	ug/l	95
24) 1,1-Dichloroethane	6.298	63	33631	4.013	ug/l	98
25) 2-Butanone	7.263	43	96167	20.956	ug/l #	87
26) 2,2-Dichloropropane	7.239	77	29825	3.932	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	21408	3.912	ug/l	98
28) Bromochloromethane	7.587	49	14577	4.036	ug/l	90
29) Tetrahydrofuran	7.616	42	62146	20.482	ug/l	90
30) Chloroform	7.745	83	33614	3.879	ug/l	100
31) Cyclohexane	8.016	56	35743	4.766	ug/l #	82
32) 1,1,1-Trichloroethane	7.939	97	29019	3.808	ug/l	99
36) 1,1-Dichloropropene	8.145	75	24392	3.685	ug/l	98
37) Ethyl Acetate	7.340	43	35224	3.677	ug/l	97
38) Carbon Tetrachloride	8.134	117	25803	3.635	ug/l #	85
39) Methylcyclohexane	9.392	83	29307	3.571	ug/l	93
40) Benzene	8.386	78	74901	3.555	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072910.D
 Acq On : 17 Jun 2022 14:14
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 18 05:43:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 05:42:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	18448	3.705	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	27321	3.601	ug/l	98
43) Isopropyl Acetate	8.492	43	54930	3.677	ug/l	94
44) Trichloroethene	9.145	130	18694	3.335	ug/l	98
45) 1,2-Dichloropropane	9.428	63	19587	3.678	ug/l	95
46) Dibromomethane	9.510	93	12782	3.473	ug/l	99
47) Bromodichloromethane	9.698	83	25353	3.407	ug/l	99
48) Methyl methacrylate	9.492	41	23202	3.410	ug/l	91
49) 1,4-Dioxane	9.510	88	11136	77.039	ug/l #	93
51) 4-Methyl-2-Pentanone	10.263	43	177176	18.294	ug/l	91
52) Toluene	10.439	92	46611	3.433	ug/l	99
53) t-1,3-Dichloropropene	10.651	75	27856	3.293	ug/l	91
54) cis-1,3-Dichloropropene	10.122	75	29542	3.361	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	20557	3.738	ug/l	95
56) Ethyl methacrylate	10.698	69	32064	3.447	ug/l #	88
57) 1,3-Dichloropropane	10.980	76	32422	3.464	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.975	63	66206	19.572	ug/l	98
59) 2-Hexanone	11.022	43	135392	18.849	ug/l	90
60) Dibromochloromethane	11.175	129	19489	3.329	ug/l	97
61) 1,2-Dibromoethane	11.280	107	20238	3.405	ug/l	98
64) Tetrachloroethene	10.904	164	15228	3.396	ug/l	94
65) Chlorobenzene	11.704	112	49809	3.992	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.775	131	19042	3.952	ug/l	98
67) Ethyl Benzene	11.780	91	85545	3.874	ug/l	94
68) m/p-Xylenes	11.886	106	67395	7.935	ug/l	97
69) o-Xylene	12.216	106	34260	3.934	ug/l	97
70) Styrene	12.227	104	52317	3.879	ug/l	99
71) Bromoform	12.392	173	13299	3.448	ug/l #	96
73) Isopropylbenzene	12.516	105	84830	4.394	ug/l	98
74) N-amyl acetate	12.322	43	42844	5.098	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	30697	4.832	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	27061m	4.572	ug/l	
77) Bromobenzene	12.792	156	20695	4.585	ug/l	95
78) n-propylbenzene	12.857	91	89817	4.455	ug/l	100
79) 2-Chlorotoluene	12.939	91	58610	4.481	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	68477	4.410	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	9072	4.291	ug/l	91
82) 4-Chlorotoluene	13.039	91	54314	4.470	ug/l	97
83) tert-Butylbenzene	13.257	119	62796	4.500	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	67706	4.533	ug/l	98
85) sec-Butylbenzene	13.433	105	81608	4.524	ug/l	99
86) p-Isopropyltoluene	13.551	119	66280	4.542	ug/l	99
87) 1,3-Dichlorobenzene	13.545	146	35420	4.776	ug/l	98
88) 1,4-Dichlorobenzene	13.627	146	34985	4.661	ug/l	92
89) n-Butylbenzene	13.874	91	51392	4.552	ug/l	100
90) Hexachloroethane	14.139	117	12743	4.092	ug/l	92
91) 1,2-Dichlorobenzene	13.921	146	36615	4.857	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.533	75	7779	4.936	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	18292	4.796	ug/l	94
94) Hexachlorobutadiene	15.292	225	8399	4.477	ug/l	98
95) Naphthalene	15.427	128	76027	5.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	19912	5.244	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
Data File : VN072910.D
Acq On : 17 Jun 2022 14:14
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 18 05:43:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 05:42:29 2022
Response via : Initial Calibration

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

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

