

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071605.D
 Acq On : 28 Mar 2022 15:10
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 29 08:16:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	687414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1093173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	925721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	310041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	6957	0.978	ug/l	96
3) Chloromethane	2.299	50	9253	1.041	ug/l	92
4) Vinyl Chloride	2.446	62	8806	0.922	ug/l #	86
6) Chloroethane	3.022	64	7328	1.128	ug/l	99
7) Trichlorofluoromethane	3.375	101	10399	0.936	ug/l	93
8) Diethyl Ether	3.828	74	4002	0.863	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.199	101	6356	0.952	ug/l #	88
12) 1,1-Dichloroethene	4.175	96	6012	0.918	ug/l	91
14) Allyl chloride	4.828	41	9322m	0.882	ug/l	
15) Acrylonitrile	5.557	53	18116	4.208	ug/l	98
16) Acetone	4.293	43	17618	5.067	ug/l #	86
17) Carbon Disulfide	4.534	76	17257	1.025	ug/l	95
18) Methyl Acetate	4.857	43	16082	1.543	ug/l #	79
19) Methyl tert-butyl Ether	5.616	73	21520	0.914	ug/l	98
20) Methylene Chloride	5.104	84	8234	1.013	ug/l	91
21) trans-1,2-Dichloroethene	5.604	96	6410	0.905	ug/l #	82
22) Diisopropyl ether	6.493	45	19637	0.894	ug/l #	91
23) Vinyl Acetate	6.434	43	75659	4.013	ug/l	96
24) 1,1-Dichloroethane	6.387	63	12175	0.915	ug/l #	86
25) 2-Butanone	7.334	43	24210	4.337	ug/l	100
26) 2,2-Dichloropropane	7.316	77	10105	0.904	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	7848	0.924	ug/l	100
28) Bromochloromethane	7.663	49	5299	0.975	ug/l #	96
29) Tetrahydrofuran	7.687	42	14725	3.968	ug/l	97
30) Chloroform	7.816	83	12373	0.923	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	9979	0.856	ug/l #	51
36) 1,1-Dichloropropene	8.210	75	9983	1.011	ug/l	96
37) Ethyl Acetate	7.404	43	9341	0.871	ug/l #	94
38) Carbon Tetrachloride	8.204	117	9376	0.968	ug/l #	94
39) Methylcyclohexane	9.457	83	11251	0.931	ug/l	92
40) Benzene	8.457	78	29219	0.949	ug/l	98
41) Methacrylonitrile	7.640	41	4668	0.907	ug/l	94
42) 1,2-Dichloroethane	8.534	62	10407	0.970	ug/l	98
43) Isopropyl Acetate	8.563	43	24507	1.332	ug/l #	83
44) Trichloroethene	9.210	130	7895	0.986	ug/l	90
45) 1,2-Dichloropropane	9.481	63	6693	0.877	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071605.D
 Acq On : 28 Mar 2022 15:10
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 29 08:16:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.575	93	4678	0.899	ug/l	93
47) Bromodichloromethane	9.757	83	8544	0.836	ug/l	98
48) Methyl methacrylate	9.557	41	6675	0.858	ug/l	97
49) 1,4-Dioxane	9.563	88	3108	17.527	ug/l #	93
51) 4-Methyl-2-Pentanone	10.328	43	42957	3.985	ug/l	94
52) Toluene	10.498	92	17792	0.922	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	9214	0.842	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	9831	0.813	ug/l	92
55) 1,1,2-Trichloroethane	10.886	97	7777	0.991	ug/l #	88
56) Ethyl methacrylate	10.757	69	8766	0.744	ug/l	93
57) 1,3-Dichloropropane	11.039	76	11956	0.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	9931	3.393	ug/l	95
59) 2-Hexanone	11.080	43	30523	3.931	ug/l	96
60) Dibromochloromethane	11.228	129	6555	0.827	ug/l	98
61) 1,2-Dibromoethane	11.339	107	6997	0.886	ug/l	98
64) Tetrachloroethene	10.975	164	7204	1.121	ug/l	93
65) Chlorobenzene	11.769	112	20053	1.018	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	6853	0.980	ug/l #	61
67) Ethyl Benzene	11.839	91	32229	0.952	ug/l	95
68) m/p-Xylenes	11.951	106	22342	1.728	ug/l	95
69) o-Xylene	12.275	106	11616	0.903	ug/l	97
70) Styrene	12.292	104	15441	0.769	ug/l	97
71) Bromoform	12.451	173	4730	0.861	ug/l #	99
73) Isopropylbenzene	12.574	105	25340	0.929	ug/l	96
74) N-amyl acetate	12.386	43	7367	0.845	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.822	83	10545	1.135	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	7436m	1.058	ug/l	
77) Bromobenzene	12.851	156	7501	1.101	ug/l	98
78) n-propylbenzene	12.916	91	27709	0.955	ug/l	99
79) 2-Chlorotoluene	13.004	91	18374	0.982	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	19815	0.920	ug/l	94
82) 4-Chlorotoluene	13.098	91	17037	0.988	ug/l	98
83) tert-Butylbenzene	13.316	119	18173	0.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	19688	0.947	ug/l	97
85) sec-Butylbenzene	13.498	105	23477	0.909	ug/l	98
86) p-Isopropyltoluene	13.610	119	17262	0.840	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	11691	1.057	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	13058m	1.195	ug/l	
89) n-Butylbenzene	13.939	91	14652	0.929	ug/l	98
90) Hexachloroethane	14.210	117	3647	0.911	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	12347	1.161	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.604	75	1549	0.964	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	4823	0.978	ug/l	96
94) Hexachlorobutadiene	15.363	225	3284	1.099	ug/l	94
95) Naphthalene	15.510	128	11993	0.890	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	5199	1.068	ug/l	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071605.D
 Acq On : 28 Mar 2022 15:10
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 08:16:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

