

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028632.D
 Acq On : 12 May 2022 10:31
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 12 14:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	215169	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	370310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148804	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	1.166	85	2757	1.664	ug/l	97
3) Chloromethane	1.294	50	2940	1.635	ug/l	98
4) Vinyl Chloride	1.374	62	2946	1.273	ug/l	91
6) Chloroethane	1.691	64	2668	1.310	ug/l	95
7) Trichlorofluoromethane	1.886	101	4509	0.935	ug/l	97
8) Diethyl Ether	2.136	74	1720	1.028	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	2489	1.311	ug/l	98
12) 1,1-Dichloroethene	2.325	96	2115	1.179	ug/l	99
14) Allyl chloride	2.660	41	3593	1.222	ug/l	# 90
15) Acrylonitrile	3.062	53	6870	5.760	ug/l	99
16) Acetone	2.380	43	7024	7.086	ug/l	92
17) Carbon Disulfide	2.514	76	5870	1.232	ug/l	96
18) Methyl Acetate	2.703	43	3311	1.259	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	7340	1.038	ug/l	95
20) Methylene Chloride	2.794	84	2991	1.360	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	2451	1.059	ug/l	97
22) Diisopropyl ether	3.763	45	7219	1.097	ug/l	# 77
23) Vinyl Acetate	3.721	43	28669	4.994	ug/l	96
24) 1,1-Dichloroethane	3.611	63	4276	1.095	ug/l	93
25) 2-Butanone	4.568	43	10030	5.830	ug/l	89
26) 2,2-Dichloropropane	4.483	77	3113	0.852	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	2987	1.090	ug/l	96
28) Bromochloromethane	4.910	49	2033	1.268	ug/l	# 86
29) Tetrahydrofuran	5.019	42	6352	5.654	ug/l	# 89
30) Chloroform	5.092	83	4438	0.972	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	4085	0.994	ug/l	# 49
36) 1,1-Dichloropropene	5.696	75	3545	1.020	ug/l	97
37) Ethyl Acetate	4.714	43	3330	0.936	ug/l	97
38) Carbon Tetrachloride	5.678	117	3261	0.848	ug/l	96
39) Methylcyclohexane	7.379	83	3934	0.910	ug/l	90
40) Benzene	6.043	78	9990	0.990	ug/l	# 90
41) Methacrylonitrile	4.934	41	1985	1.083	ug/l	# 85
42) 1,2-Dichloroethane	6.092	62	3796	1.012	ug/l	97
43) Isopropyl Acetate	6.348	43	5103	0.888	ug/l	# 93
44) Trichloroethene	7.129	130	2647	0.909	ug/l	98
45) 1,2-Dichloropropane	7.433	63	2438	0.981	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028632.D
 Acq On : 12 May 2022 10:31
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 12 14:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1839	0.950	ug/l	100
47) Bromodichloromethane	7.824	83	3075	0.830	ug/l	92
48) Methyl methacrylate	7.696	41	2454	0.921	ug/l #	85
49) 1,4-Dioxane	7.671	88	1359	19.573	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	17105	4.627	ug/l	89
52) Toluene	8.720	92	6109	0.879	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	2683	0.685	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	3322	0.785	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	2489	0.881	ug/l #	94
56) Ethyl methacrylate	9.116	69	3342	0.810	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	4360	0.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	8959	4.669	ug/l	99
59) 2-Hexanone	9.433	43	12658	4.412	ug/l	85
60) Dibromochloromethane	9.518	129	2058	0.680	ug/l	91
61) 1,2-Dibromoethane	9.616	107	2505	0.817	ug/l	99
64) Tetrachloroethene	9.275	164	2520	0.970	ug/l	91
65) Chlorobenzene	10.079	112	6687	0.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	2137	0.816	ug/l #	65
67) Ethyl Benzene	10.195	91	11549	0.964	ug/l	99
68) m/p-Xylenes	10.305	106	8826	1.826	ug/l	97
69) o-Xylene	10.646	106	4511	0.938	ug/l	93
70) Styrene	10.659	104	6523	0.834	ug/l	93
71) Bromoform	10.805	173	1383	0.678	ug/l #	98
73) Isopropylbenzene	10.963	105	10574	1.006	ug/l	99
74) N-amyl acetate	10.848	43	3578	0.954	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	4017	1.172	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	3533m	1.164	ug/l	
77) Bromobenzene	11.201	156	2531	0.937	ug/l	92
78) n-propylbenzene	11.305	91	12071	1.029	ug/l	100
79) 2-Chlorotoluene	11.366	91	7804	1.075	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	8201	0.923	ug/l	95
82) 4-Chlorotoluene	11.457	91	8827	1.054	ug/l	94
83) tert-Butylbenzene	11.713	119	8108	0.902	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	8224	0.932	ug/l	99
85) sec-Butylbenzene	11.890	105	10132	0.931	ug/l	98
86) p-Isopropyltoluene	12.012	119	8233	0.881	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	5233	1.031	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	5884m	1.106	ug/l	
89) n-Butylbenzene	12.335	91	7040	0.905	ug/l	96
90) Hexachloroethane	12.536	117	1319	0.883	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	4977	0.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	717	0.943	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	2808	0.936	ug/l	94
94) Hexachlorobutadiene	13.725	225	1295	0.977	ug/l	93
95) Naphthalene	13.774	128	8351	0.828	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	2822	0.960	ug/l	96

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

