

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030011.D
 Acq On : 12 Jul 2022 11:33
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 12 13:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 13:19:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	204106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136482	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	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	1470	0.739	ug/l	97
3) Chloromethane	1.288	50	1866	0.814	ug/l	97
4) Vinyl Chloride	1.374	62	2165	0.949	ug/l #	85
6) Chloroethane	1.691	64	1353	1.015	ug/l	92
7) Trichlorofluoromethane	1.892	101	2639	0.901	ug/l	96
8) Diethyl Ether	2.136	74	1103	0.840	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.337	101	2124	1.038	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	1776	0.845	ug/l #	81
14) Allyl chloride	2.666	41	3265	0.842	ug/l	95
15) Acrylonitrile	3.069	53	6583	4.173	ug/l	95
16) Acetone	2.386	43	6113	4.836	ug/l	95
17) Carbon Disulfide	2.508	76	3695	0.707	ug/l #	91
18) Methyl Acetate	2.709	43	3779	0.970	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	5709	0.804	ug/l	91
20) Methylene Chloride	2.788	84	3534	1.324	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	1728	0.750	ug/l #	92
22) Diisopropyl ether	3.757	45	6652	0.849	ug/l #	74
23) Vinyl Acetate	3.727	43	24057	3.548	ug/l	97
24) 1,1-Dichloroethane	3.611	63	3750	0.907	ug/l	99
25) 2-Butanone	4.574	43	9580	4.367	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	2661	0.981	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	2488	0.914	ug/l	94
28) Bromochloromethane	4.916	49	1630	0.984	ug/l #	85
29) Tetrahydrofuran	5.013	42	6291	4.357	ug/l	99
30) Chloroform	5.093	83	3654	0.901	ug/l #	61
32) 1,1,1-Trichloroethane	5.391	97	2958	0.916	ug/l #	43
36) 1,1-Dichloropropene	5.708	75	2767	0.939	ug/l #	90
37) Ethyl Acetate	4.727	43	3670	0.910	ug/l #	87
38) Carbon Tetrachloride	5.678	117	2516	0.985	ug/l	94
39) Methylcyclohexane	7.385	83	2848	0.799	ug/l #	87
40) Benzene	6.050	78	8089	0.849	ug/l #	84
41) Methacrylonitrile	4.934	41	1905	0.889	ug/l #	65
42) 1,2-Dichloroethane	6.098	62	2781	0.951	ug/l	84
43) Isopropyl Acetate	6.342	43	5171	0.852	ug/l	97
44) Trichloroethene	7.123	130	2832	1.103	ug/l	98
45) 1,2-Dichloropropane	7.440	63	2151	0.854	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030011.D
 Acq On : 12 Jul 2022 11:33
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 12 13:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 13:19:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1541	0.936	ug/l	96
47) Bromodichloromethane	7.824	83	2681	0.908	ug/l #	82
48) Methyl methacrylate	7.708	41	2135	0.742	ug/l	87
49) 1,4-Dioxane	7.696	88	1149	16.860	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	16797	4.196	ug/l	99
52) Toluene	8.720	92	5486	0.954	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	2548	0.810	ug/l	90
54) cis-1,3-Dichloropropene	8.372	75	3076	0.865	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	2150	0.858	ug/l #	87
56) Ethyl methacrylate	9.122	69	2835	0.718	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	3307	0.820	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	9892	5.248	ug/l	95
59) 2-Hexanone	9.433	43	11886	3.826	ug/l	100
60) Dibromochloromethane	9.525	129	1974	0.892	ug/l	89
61) 1,2-Dibromoethane	9.610	107	2307	0.901	ug/l	92
64) Tetrachloroethene	9.275	164	2195	1.200	ug/l	91
65) Chlorobenzene	10.086	112	5691	0.935	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1854	0.911	ug/l #	64
67) Ethyl Benzene	10.195	91	8348	0.788	ug/l	98
68) m/p-Xylenes	10.305	106	6784	1.670	ug/l	98
69) o-Xylene	10.640	106	3341	0.812	ug/l	90
70) Styrene	10.659	104	5731	0.843	ug/l	97
71) Bromoform	10.805	173	1583	1.091	ug/l #	100
73) Isopropylbenzene	10.963	105	7485	0.758	ug/l	92
74) N-amyl acetate	10.848	43	3475	0.711	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	3320	0.854	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	2883m	0.882	ug/l	
77) Bromobenzene	11.201	156	2234	0.940	ug/l	98
78) n-propylbenzene	11.305	91	9479	0.814	ug/l	98
79) 2-Chlorotoluene	11.366	91	6039	0.872	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	6880	0.839	ug/l	100
82) 4-Chlorotoluene	11.457	91	6665	0.845	ug/l	100
83) tert-Butylbenzene	11.713	119	6705	0.825	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	6605	0.804	ug/l	95
85) sec-Butylbenzene	11.890	105	8565	0.837	ug/l	98
86) p-Isopropyltoluene	12.012	119	7017	0.859	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	3851	0.844	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	4553m	0.978	ug/l	
89) n-Butylbenzene	12.335	91	5608	0.730	ug/l	92
90) Hexachloroethane	12.536	117	1140	0.855	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	4380	0.978	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	729	0.897	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	2610	0.961	ug/l	95
94) Hexachlorobutadiene	13.731	225	1243	1.238	ug/l	81
95) Naphthalene	13.780	128	10602	0.962	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2490	0.896	ug/l	97

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

