

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034009.D
 Acq On : 03 Feb 2023 14:23
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

Quant Time: Feb 03 23:18:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:12:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	160700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98573	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	78 - 117	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	92 - 112	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	1271	0.973	ug/l	93
3) Chloromethane	1.294	50	1247	1.012	ug/l	100
4) Vinyl Chloride	1.374	62	1285	0.995	ug/l	97
6) Chloroethane	1.691	64	765	1.072	ug/l	91
7) Trichlorofluoromethane	1.892	101	2080	1.013	ug/l	96
8) Diethyl Ether	2.136	74	745	1.054	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1493	1.089	ug/l	85
12) 1,1-Dichloroethene	2.319	96	1388	1.055	ug/l	97
14) Allyl chloride	2.660	41	2207	1.029	ug/l	92
15) Acrylonitrile	3.075	53	3478	4.995	ug/l	95
16) Acetone	2.380	43	4048	6.186	ug/l	96
17) Carbon Disulfide	2.514	76	3692	1.106	ug/l	99
18) Methyl Acetate	2.703	43	2035	1.000	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	3937	0.970	ug/l	96
20) Methylene Chloride	2.794	84	1816	1.213	ug/l #	75
21) trans-1,2-Dichloroethene	3.093	96	1534	1.070	ug/l #	86
22) Diisopropyl ether	3.757	45	4358	1.029	ug/l #	83
23) Vinyl Acetate	3.721	43	15031	4.662	ug/l	98
24) 1,1-Dichloroethane	3.611	63	2590	1.061	ug/l #	86
25) 2-Butanone	4.568	43	5260	5.521	ug/l	94
26) 2,2-Dichloropropane	4.465	77	1707	0.959	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	1778	1.079	ug/l	93
28) Bromochloromethane	4.910	49	1080	1.007	ug/l #	86
29) Tetrahydrofuran	5.019	42	3039	5.015	ug/l	97
30) Chloroform	5.099	83	2614	1.028	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	2169	0.990	ug/l #	46
36) 1,1-Dichloropropene	5.696	75	2144	1.093	ug/l #	90
37) Ethyl Acetate	4.727	43	1824	0.998	ug/l #	80
38) Carbon Tetrachloride	5.678	117	2207	1.055	ug/l	87
39) Methylcyclohexane	7.379	83	2611	1.057	ug/l	91
40) Benzene	6.037	78	5823	1.026	ug/l	96
41) Methacrylonitrile	4.934	41	972	0.945	ug/l #	82
42) 1,2-Dichloroethane	6.098	62	1927	0.999	ug/l	93
43) Isopropyl Acetate	6.348	43	2482	0.871	ug/l #	94
44) Trichloroethene	7.129	130	1814	1.040	ug/l	96
45) 1,2-Dichloropropane	7.434	63	1391	0.992	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034009.D
 Acq On : 03 Feb 2023 14:23
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

Quant Time: Feb 03 23:18:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:12:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	995	0.991	ug/l	92
47) Bromodichloromethane	7.818	83	1777	0.934	ug/l #	88
48) Methyl methacrylate	7.702	41	1331	0.904	ug/l	96
49) 1,4-Dioxane	7.690	88	658	23.224	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	8735	4.885	ug/l	99
52) Toluene	8.720	92	3709	1.008	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	1603	0.838	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	1956	0.899	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	1496	1.018	ug/l	98
56) Ethyl methacrylate	9.116	69	1791	0.872	ug/l	94
57) 1,3-Dichloropropane	9.311	76	2383	0.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	4506	4.718	ug/l	96
59) 2-Hexanone	9.433	43	6372	4.869	ug/l	97
60) Dibromochloromethane	9.525	129	1544	0.948	ug/l	94
61) 1,2-Dibromoethane	9.616	107	1542	0.976	ug/l	90
64) Tetrachloroethene	9.269	164	1826	1.115	ug/l	89
65) Chlorobenzene	10.079	112	4124	1.018	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	1519	0.992	ug/l #	67
67) Ethyl Benzene	10.195	91	6926	1.010	ug/l	98
68) m/p-Xylenes	10.305	106	5745	2.096	ug/l	89
69) o-Xylene	10.640	106	2522	0.958	ug/l	96
70) Styrene	10.659	104	4066	0.938	ug/l	99
71) Bromoform	10.805	173	1074	0.860	ug/l #	93
73) Isopropylbenzene	10.963	105	6451	0.979	ug/l	97
74) N-amyl acetate	10.841	43	1743	0.803	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	2140	1.080	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	1785m	1.015	ug/l	
77) Bromobenzene	11.201	156	1843	1.009	ug/l	99
78) n-propylbenzene	11.305	91	7092	0.974	ug/l	98
79) 2-Chlorotoluene	11.366	91	4489	1.018	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	5360	0.977	ug/l	95
82) 4-Chlorotoluene	11.457	91	4904	0.983	ug/l	96
83) tert-Butylbenzene	11.713	119	5548	0.979	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	5320	0.971	ug/l	98
85) sec-Butylbenzene	11.890	105	6552	0.967	ug/l	99
86) p-Isopropyltoluene	12.006	119	5778	0.972	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	3474	1.036	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	3770m	1.124	ug/l	
89) n-Butylbenzene	12.335	91	4261	0.914	ug/l	97
90) Hexachloroethane	12.536	117	880	0.940	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	3486	1.066	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	372	0.954	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	2294	0.993	ug/l	95
94) Hexachlorobutadiene	13.725	225	1391	1.217	ug/l	86
95) Naphthalene	13.780	128	5802	0.914	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2402	1.035	ug/l	99

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

