

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025180.D
 Acq On : 17 Nov 2021 10:04
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 13:02:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 12:58:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	130207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83718	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	1024	0.835	ug/l	94
3) Chloromethane	1.294	50	1571	1.072	ug/l	95
4) Vinyl Chloride	1.373	62	1510	0.929	ug/l	100
6) Chloroethane	1.684	64	1319	1.230	ug/l	96
7) Trichlorofluoromethane	1.892	101	2160	0.891	ug/l	96
8) Diethyl Ether	2.129	74	998	1.016	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	1192	0.945	ug/l	93
12) 1,1-Dichloroethene	2.318	96	1258	1.007	ug/l #	81
14) Allyl chloride	2.666	41	2614	1.193	ug/l	91
15) Acrylonitrile	3.062	53	3622	4.727	ug/l	96
16) Acetone	2.379	43	4136	5.191	ug/l #	80
17) Carbon Disulfide	2.514	76	3600	1.027	ug/l #	90
18) Methyl Acetate	2.703	43	2747	1.101	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	4323	1.006	ug/l #	90
20) Methylene Chloride	2.788	84	1660	1.145	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	1284	0.940	ug/l	95
22) Diisopropyl ether	3.757	45	4220	0.982	ug/l	89
23) Vinyl Acetate	3.727	43	16295	4.729	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	2227	0.948	ug/l #	89
25) 2-Butanone	4.562	43	5594	4.810	ug/l	97
26) 2,2-Dichloropropane	4.477	77	2072	0.959	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	1509	0.948	ug/l	97
28) Bromochloromethane	4.903	49	1079	0.991	ug/l #	99
29) Tetrahydrofuran	5.013	42	3604	5.121	ug/l	97
30) Chloroform	5.105	83	2447	1.005	ug/l	84
32) 1,1,1-Trichloroethane	5.397	97	2260	1.022	ug/l #	48
36) 1,1-Dichloropropene	5.690	75	1828	1.022	ug/l	94
37) Ethyl Acetate	4.727	43	2018	0.956	ug/l	96
38) Carbon Tetrachloride	5.684	117	1984	0.998	ug/l	98
39) Methylcyclohexane	7.385	83	2229	0.943	ug/l	89
40) Benzene	6.037	78	5475	1.007	ug/l #	89
41) Methacrylonitrile	4.934	41	1339	1.148	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	1756	1.004	ug/l	99
43) Isopropyl Acetate	6.342	43	3415	0.990	ug/l	97
44) Trichloroethene	7.122	130	1534	0.976	ug/l	94
45) 1,2-Dichloropropane	7.433	63	1239	0.915	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	957	0.983	ug/l	87
47) Bromodichloromethane	7.824	83	1851	0.972	ug/l	93
48) Methyl methacrylate	7.702	41	1773	1.108	ug/l	95
49) 1,4-Dioxane	7.665	88	652	18.616	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	9900	4.542	ug/l	98
52) Toluene	8.720	92	3459	0.969	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	1921	0.897	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	2222	0.977	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1232	0.853	ug/l #	86
56) Ethyl methacrylate	9.116	69	2100	0.921	ug/l	97
57) 1,3-Dichloropropane	9.311	76	2228	0.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	4608	4.457	ug/l	90
59) 2-Hexanone	9.433	43	7693	4.516	ug/l	100
60) Dibromochloromethane	9.524	129	1552	0.958	ug/l	91
61) 1,2-Dibromoethane	9.610	107	1378	0.907	ug/l	91
64) Tetrachloroethene	9.274	164	1638	1.078	ug/l	89
65) Chlorobenzene	10.079	112	3683	0.984	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1353	0.929	ug/l #	58
67) Ethyl Benzene	10.195	91	6151	0.941	ug/l	100
68) m/p-Xylenes	10.305	106	5170	1.962	ug/l	86
69) o-Xylene	10.640	106	2447	0.937	ug/l	95
70) Styrene	10.658	104	3958	0.919	ug/l	95
71) Bromoform	10.799	173	1157	0.917	ug/l #	99
73) Isopropylbenzene	10.963	105	6338	1.037	ug/l	99
74) N-amyl acetate	10.841	43	2794	1.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	2107	1.071	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	1780m	1.015	ug/l	
77) Bromobenzene	11.201	156	1554	0.980	ug/l	92
78) n-propylbenzene	11.305	91	6522	0.947	ug/l	96
79) 2-Chlorotoluene	11.366	91	4375	1.052	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	5157	1.006	ug/l	98
82) 4-Chlorotoluene	11.457	91	4742	0.988	ug/l	91
83) tert-Butylbenzene	11.713	119	5409	1.037	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	4923	0.957	ug/l	93
85) sec-Butylbenzene	11.890	105	6126	0.956	ug/l	97
86) p-Isopropyltoluene	12.012	119	5424	0.995	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	2877	0.988	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	3046m	1.041	ug/l	
89) n-Butylbenzene	12.335	91	4519	0.984	ug/l	98
90) Hexachloroethane	12.542	117	1004	1.018	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	2836	1.006	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	381	0.923	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	1270	0.775	ug/l	96
94) Hexachlorobutadiene	13.725	225	852	1.090	ug/l	97
95) Naphthalene	13.780	128	2960	0.578	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1232	0.767	ug/l	94

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

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