

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031450.D
 Acq On : 19 Sep 2022 09:33
 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 :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 09:33:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:33:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	88825	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	1631	1.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.900%#
35) Dibromofluoromethane	5.373	113	1369	1.417	ug/l	-0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.840%#
50) Toluene-d8	8.653	98	3718	1.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.080%#
62) 4-Bromofluorobenzene	11.079	95	1333	1.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.120%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	796	0.978	ug/l	92
3) Chloromethane	1.288	50	1313	1.216	ug/l	94
4) Vinyl Chloride	1.374	62	1358	1.103	ug/l	94
6) Chloroethane	1.691	64	1666	1.254	ug/l #	84
7) Trichlorofluoromethane	1.892	101	3092	1.107	ug/l	98
8) Diethyl Ether	2.136	74	1146	1.191	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	876	0.961	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	970	1.101	ug/l	96
14) Allyl chloride	2.660	41	1611	1.121	ug/l	98
15) Acrylonitrile	3.068	53	2826	5.172	ug/l	95
16) Acetone	2.386	43	3215	6.484	ug/l	94
17) Carbon Disulfide	2.508	76	2822	1.188	ug/l #	95
18) Methyl Acetate	2.703	43	1746	1.125	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	3474	1.090	ug/l #	90
20) Methylene Chloride	2.794	84	1517	1.341	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	1079	1.084	ug/l	90
22) Diisopropyl ether	3.763	45	3265	1.049	ug/l #	94
23) Vinyl Acetate	3.721	43	13194	4.957	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	1799	1.023	ug/l #	82
25) 2-Butanone	4.568	43	4373	5.455	ug/l	100
26) 2,2-Dichloropropane	4.471	77	1606	1.034	ug/l #	62
27) cis-1,2-Dichloroethene	4.489	96	1391	1.160	ug/l	78
28) Bromochloromethane	4.897	49	707	1.006	ug/l #	88
29) Tetrahydrofuran	5.019	42	2869	5.488	ug/l #	64
30) Chloroform	5.093	83	1980	1.026	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	1808	1.032	ug/l	94
36) 1,1-Dichloropropene	5.690	75	1391	0.985	ug/l #	85
37) Ethyl Acetate	4.727	43	1852	1.100	ug/l #	84
38) Carbon Tetrachloride	5.672	117	1589	1.015	ug/l #	80
39) Methylcyclohexane	7.379	83	1684	0.969	ug/l #	84
40) Benzene	6.031	78	4293	1.019	ug/l	94
41) Methacrylonitrile	4.916	41	917	1.093	ug/l #	34
42) 1,2-Dichloroethane	6.092	62	1555	1.002	ug/l	79
43) Isopropyl Acetate	6.342	43	2460	0.950	ug/l #	86
44) Trichloroethene	7.129	130	1291	1.081	ug/l	77
45) 1,2-Dichloropropane	7.434	63	1079	1.019	ug/l #	75

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	812	0.996	ug/l	89
47) Bromodichloromethane	7.824	83	1529	0.998	ug/l #	96
48) Methyl methacrylate	7.690	41	1315	1.112	ug/l	91
49) 1,4-Dioxane	7.690	88	524	19.400	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	7780	4.672	ug/l	95
52) Toluene	8.714	92	2584	0.941	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	1396	0.880	ug/l #	62
54) cis-1,3-Dichloropropene	8.366	75	1731	0.998	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	1137	1.004	ug/l #	67
56) Ethyl methacrylate	9.116	69	1491	0.926	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	1830	0.985	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	2068	3.323	ug/l #	88
59) 2-Hexanone	9.433	43	5625	4.498	ug/l	97
60) Dibromochloromethane	9.525	129	1026	0.854	ug/l	98
61) 1,2-Dibromoethane	9.616	107	1106	0.907	ug/l	90
64) Tetrachloroethene	9.275	164	1190	1.053	ug/l	87
65) Chlorobenzene	10.079	112	2923	1.008	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	10.165	131	1007	0.962	ug/l #	65
67) Ethyl Benzene	10.189	91	5124	1.001	ug/l	90
68) m/p-Xylenes	10.299	106	3803	1.848	ug/l	96
69) o-Xylene	10.640	106	1752	0.892	ug/l	100
70) Styrene	10.659	104	2731	0.844	ug/l	95
71) Bromoform	10.799	173	726	0.867	ug/l #	97
73) Isopropylbenzene	10.963	105	4627	1.025	ug/l	100
74) N-amyl acetate	10.841	43	1859	1.016	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1759	1.156	ug/l	91
76) 1,2,3-Trichloropropane	11.244	75	1498m	1.111	ug/l	
77) Bromobenzene	11.201	156	1190	1.070	ug/l	97
78) n-propylbenzene	11.305	91	5298	1.020	ug/l	98
79) 2-Chlorotoluene	11.366	91	3282	1.062	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3687	0.963	ug/l	100
82) 4-Chlorotoluene	11.457	91	3658	1.009	ug/l	97
83) tert-Butylbenzene	11.713	119	3710	0.999	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	3535	0.937	ug/l	93
85) sec-Butylbenzene	11.890	105	4765	1.014	ug/l	100
86) p-Isopropyltoluene	12.006	119	3748	0.945	ug/l	92
87) 1,3-Dichlorobenzene	11.963	146	2201	1.032	ug/l	94
88) 1,4-Dichlorobenzene	12.036	146	2460m	1.106	ug/l	
89) n-Butylbenzene	12.329	91	3145	0.931	ug/l	97
90) Hexachloroethane	12.536	117	699	1.026	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	2416	1.125	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	329	1.061	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1154	0.976	ug/l	84
94) Hexachlorobutadiene	13.731	225	611	1.293	ug/l	90
95) Naphthalene	13.780	128	4646	1.072	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1228	1.007	ug/l	95

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

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