

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040009.D
 Acq On : 30 Jan 2024 10:35
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 05:03:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	84461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64497	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	873	0.918	ug/l #	55
3) Chloromethane	1.294	50	1005	1.114	ug/l #	84
4) Vinyl Chloride	1.367	62	899	1.077	ug/l #	74
6) Chloroethane	1.690	64	562	1.020	ug/l #	79
7) Trichlorofluoromethane	1.886	101	1308	0.985	ug/l #	78
8) Diethyl Ether	2.136	74	462	0.984	ug/l	67
9) 1,1,2-Trichlorotrifluo...	2.325	101	940	0.949	ug/l	96
12) 1,1-Dichloroethene	2.325	96	875	0.921	ug/l #	78
14) Allyl chloride	2.666	41	1617	0.944	ug/l #	84
15) Acrylonitrile	3.062	53	3068	4.966	ug/l	97
16) Acetone	2.373	43	3733	5.861	ug/l	92
17) Carbon Disulfide	2.507	76	2956	1.064	ug/l #	94
18) Methyl Acetate	2.703	43	1395	0.925	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	3263	1.003	ug/l #	84
20) Methylene Chloride	2.788	84	1287	1.137	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	1032	0.986	ug/l	87
22) Diisopropyl ether	3.751	45	3185	0.960	ug/l #	65
23) Vinyl Acetate	3.727	43	13028	4.389	ug/l	95
24) 1,1-Dichloroethane	3.617	63	1894	0.997	ug/l #	83
25) 2-Butanone	4.574	43	4405	4.975	ug/l	94
26) 2,2-Dichloropropane	4.458	77	1424m	0.961	ug/l	
27) cis-1,2-Dichloroethene	4.501	96	973	0.834	ug/l	77
28) Bromochloromethane	4.903	49	767	0.866	ug/l #	96
29) Tetrahydrofuran	5.007	42	2592m	4.604	ug/l	
30) Chloroform	5.098	83	2093	1.026	ug/l #	72
32) 1,1,1-Trichloroethane	5.385	97	1767	1.009	ug/l #	48
36) 1,1-Dichloropropene	5.684	75	1503	1.007	ug/l #	65
37) Ethyl Acetate	4.727	43	1457	0.893	ug/l #	81
38) Carbon Tetrachloride	5.684	117	1418	0.992	ug/l	94
39) Methylcyclohexane	7.378	83	1636	0.901	ug/l #	88
40) Benzene	6.043	78	4377	1.006	ug/l	91
41) Methacrylonitrile	4.928	41	630m	0.762	ug/l	
42) 1,2-Dichloroethane	6.086	62	1765	1.054	ug/l	87
43) Isopropyl Acetate	6.342	43	2168	0.843	ug/l #	93
44) Trichloroethene	7.129	130	1095	0.957	ug/l	94
45) 1,2-Dichloropropane	7.427	63	1195	1.041	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	886	1.028	ug/l	83
47) Bromodichloromethane	7.824	83	1388	0.904	ug/l #	67
48) Methyl methacrylate	7.696	41	1013	0.800	ug/l #	88
49) 1,4-Dioxane	7.659	88	530	19.253	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	7343	4.183	ug/l	97
52) Toluene	8.720	92	2311	0.853	ug/l	90
53) t-1,3-Dichloropropene	8.976	75	1483	0.931	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	1362	0.802	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	1089	0.971	ug/l #	84
56) Ethyl methacrylate	9.116	69	1223	0.746	ug/l #	68
57) 1,3-Dichloropropane	9.311	76	1706	0.923	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.244	63	3438	4.173	ug/l	91
59) 2-Hexanone	9.433	43	5742	4.102	ug/l	97
60) Dibromochloromethane	9.518	129	985	0.874	ug/l	87
61) 1,2-Dibromoethane	9.616	107	1241	1.023	ug/l	87
64) Tetrachloroethene	9.275	164	1022	1.135	ug/l #	70
65) Chlorobenzene	10.073	112	2913	1.018	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	10.165	131	890	0.921	ug/l #	64
67) Ethyl Benzene	10.195	91	4918	0.958	ug/l #	86
68) m/p-Xylenes	10.299	106	3452	1.787	ug/l	99
69) o-Xylene	10.646	106	1532	0.836	ug/l	92
70) Styrene	10.658	104	2491	0.807	ug/l	96
71) Bromoform	10.793	173	602	1.383	ug/l #	97
73) Isopropylbenzene	10.963	105	4146	0.895	ug/l	92
74) N-amyl acetate	10.847	43	1557	0.940	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1844	1.059	ug/l	88
76) 1,2,3-Trichloropropane	11.238	75	1245m	0.906	ug/l	
77) Bromobenzene	11.201	156	1000	0.936	ug/l	87
78) n-propylbenzene	11.305	91	5226	0.917	ug/l	92
79) 2-Chlorotoluene	11.366	91	3490	1.017	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3614	0.908	ug/l	92
82) 4-Chlorotoluene	11.451	91	3528	0.896	ug/l	95
83) tert-Butylbenzene	11.713	119	3467	0.910	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	3307	0.832	ug/l	92
85) sec-Butylbenzene	11.890	105	4676	0.926	ug/l	95
86) p-Isopropyltoluene	12.012	119	3751	0.910	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	2155	1.000	ug/l	91
88) 1,4-Dichlorobenzene	12.042	146	2224m	1.008	ug/l	
89) n-Butylbenzene	12.335	91	3491	0.873	ug/l	91
90) Hexachloroethane	12.536	117	443	0.615	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2065	0.994	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.938	75	390	0.988	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	1220	0.939	ug/l	93
94) Hexachlorobutadiene	13.719	225	582	1.137	ug/l	85
95) Naphthalene	13.780	128	3801	0.862	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1297	1.010	ug/l	97

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

