

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071524\
 Data File : VX042320.D
 Acq On : 15 Jul 2024 12:01
 Operator : JC/MD
 Sample : VX0715WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 16 05:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	153492	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85781	48.465	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.920%
35) Dibromofluoromethane	5.385	113	82462	53.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.940%
50) Toluene-d8	8.647	98	267182	49.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	105739	53.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22111	18.909	ug/l	98
3) Chloromethane	1.307	50	22300	15.201	ug/l	97
4) Vinyl Chloride	1.374	62	22342	15.193	ug/l	96
5) Bromomethane	1.593	94	13356	18.393	ug/l	100
6) Chloroethane	1.666	64	12241	18.056	ug/l	97
7) Trichlorofluoromethane	1.867	101	36848	19.125	ug/l	100
8) Diethyl Ether	2.136	74	14751	16.311	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.312	101	24907	18.767	ug/l	# 85
10) Methyl Iodide	2.440	142	24351	14.762	ug/l	# 85
11) Tert butyl alcohol	3.001	59	27581	82.109	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	22335	16.871	ug/l	82
13) Acrolein	2.239	56	17963	47.706	ug/l	98
14) Allyl chloride	2.660	41	33899	16.146	ug/l	89
15) Acrylonitrile	3.075	53	79274	90.352	ug/l	97
16) Acetone	2.392	43	63792	82.080	ug/l	# 86
17) Carbon Disulfide	2.501	76	45038	16.685	ug/l	99
18) Methyl Acetate	2.709	43	38881	18.339	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	80231	18.344	ug/l	100
20) Methylene Chloride	2.782	84	28098	16.511	ug/l	# 86
21) trans-1,2-Dichloroethene	3.087	96	23461	17.461	ug/l	85
22) Diisopropyl ether	3.769	45	78374	17.660	ug/l	87
23) Vinyl Acetate	3.727	43	342139	90.271	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	43981	17.696	ug/l	95
25) 2-Butanone	4.574	43	110375	91.286	ug/l	92
26) 2,2-Dichloropropane	4.471	77	30496	16.944	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	30162	17.923	ug/l	84
28) Bromochloromethane	4.897	49	16587	15.582	ug/l	# 65
29) Tetrahydrofuran	5.019	42	71970	92.164	ug/l	91
30) Chloroform	5.092	83	46824	18.084	ug/l	97
31) Cyclohexane	5.464	56	35217	17.014	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	38909	17.984	ug/l	96
36) 1,1-Dichloropropene	5.690	75	28844	17.779	ug/l	93
37) Ethyl Acetate	4.727	43	41484	19.629	ug/l	98
38) Carbon Tetrachloride	5.678	117	34178	19.067	ug/l	98
39) Methylcyclohexane	7.379	83	38156	18.597	ug/l	91
40) Benzene	6.037	78	100394	18.348	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	22409	19.561	ug/l	91
42) 1,2-Dichloroethane	6.086	62	33114	18.788	ug/l	90
43) Isopropyl Acetate	6.348	43	60022	18.503	ug/l #	93
44) Trichloroethene	7.129	130	27633	18.841	ug/l	83
45) 1,2-Dichloropropane	7.427	63	24999	18.581	ug/l	99
46) Dibromomethane	7.586	93	19073	19.457	ug/l #	74
47) Bromodichloromethane	7.824	83	34058	18.923	ug/l	93
48) Methyl methacrylate	7.696	41	28555	18.445	ug/l #	83
49) 1,4-Dioxane	7.677	88	9589	249.350	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	214634	96.053	ug/l	95
52) Toluene	8.720	92	66624	19.121	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33311	18.364	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	37564	19.064	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	28591	19.698	ug/l	99
56) Ethyl methacrylate	9.122	69	43670	19.339	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	45316	19.324	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	112226	106.648	ug/l	91
59) 2-Hexanone	9.433	43	163303	95.417	ug/l	90
60) Dibromochloromethane	9.525	129	30731	19.491	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29957	19.901	ug/l	100
64) Tetrachloroethene	9.275	164	28259	19.592	ug/l	93
65) Chlorobenzene	10.079	112	77206	18.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	27740	19.231	ug/l	98
67) Ethyl Benzene	10.195	91	118499	18.352	ug/l	99
68) m/p-Xylenes	10.299	106	98857	37.928	ug/l	89
69) o-Xylene	10.640	106	48845	18.928	ug/l	91
70) Styrene	10.659	104	82533	19.073	ug/l	93
71) Bromoform	10.799	173	24388	18.563	ug/l #	98
73) Isopropylbenzene	10.963	105	125394	18.906	ug/l	97
74) N-amyl acetate	10.841	43	50157	17.025	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	45336	18.384	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38892m	19.640	ug/l	
77) Bromobenzene	11.201	156	37445	18.957	ug/l	76
78) n-propylbenzene	11.305	91	133086	18.493	ug/l	96
79) 2-Chlorotoluene	11.366	91	84755	18.280	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	104898	18.988	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	11630	16.679	ug/l	89
82) 4-Chlorotoluene	11.457	91	95092	18.553	ug/l	92
83) tert-Butylbenzene	11.713	119	111803	18.444	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	106881	19.284	ug/l	94
85) sec-Butylbenzene	11.890	105	129813	18.934	ug/l	96
86) p-Isopropyltoluene	12.012	119	115024	19.205	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	65067	18.740	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	65977	18.520	ug/l	96
89) n-Butylbenzene	12.335	91	83561	18.125	ug/l	97
90) Hexachloroethane	12.536	117	18033	17.685	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	66871	18.822	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9323	19.076	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.591	180	43507	18.694	ug/l	95
94) Hexachlorobutadiene	13.725	225	22716	19.302	ug/l	99
95) Naphthalene	13.774	128	133509	17.564	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46839	19.082	ug/l	96

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

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

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