

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071524\
 Data File : VX042315.D
 Acq On : 15 Jul 2024 09:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 05:37:15 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	155627	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	220681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91748	51.125	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.260%			
35) Dibromofluoromethane	5.379	113	89629	57.240	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.480%			
50) Toluene-d8	8.647	98	287049	52.182	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.360%			
62) 4-Bromofluorobenzene	11.079	95	115726	57.071	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62937	53.083	ug/l	99
3) Chloromethane	1.301	50	66643	44.805	ug/l	96
4) Vinyl Chloride	1.374	62	64715	43.404	ug/l	100
5) Bromomethane	1.593	94	35182	47.785	ug/l	96
6) Chloroethane	1.660	64	32640	52.838	ug/l	98
7) Trichlorofluoromethane	1.868	101	103600	53.034	ug/l	99
8) Diethyl Ether	2.136	74	43103	47.006	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.313	101	69256	51.467	ug/l #	85
10) Methyl Iodide	2.441	142	78324	46.830	ug/l #	86
11) Tert butyl alcohol	3.002	59	85586	251.295	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	65555	48.838	ug/l	81
13) Acrolein	2.239	56	84099	220.284	ug/l	98
14) Allyl chloride	2.654	41	99721	46.844	ug/l	87
15) Acrylonitrile	3.069	53	234745	263.878	ug/l	98
16) Acetone	2.392	43	190907	242.268	ug/l #	86
17) Carbon Disulfide	2.495	76	136648	49.928	ug/l	99
18) Methyl Acetate	2.709	43	110084	51.211	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	241607	54.483	ug/l	99
20) Methylene Chloride	2.782	84	78698	45.610	ug/l	87
21) trans-1,2-Dichloroethene	3.081	96	68082	49.976	ug/l	85
22) Diisopropyl ether	3.764	45	223825	49.742	ug/l	85
23) Vinyl Acetate	3.721	43	1028218	267.567	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	125903	49.964	ug/l	97
25) 2-Butanone	4.568	43	322994	263.468	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	99557	54.558	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	88042	51.600	ug/l	85
28) Bromochloromethane	4.898	49	44757	41.469	ug/l #	67
29) Tetrahydrofuran	5.013	42	206522	260.843	ug/l	91
30) Chloroform	5.087	83	134850	51.366	ug/l	96
31) Cyclohexane	5.458	56	100197	47.742	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	113932	51.937	ug/l	94
36) 1,1-Dichloropropene	5.684	75	83566	50.257	ug/l	93
37) Ethyl Acetate	4.721	43	121287	55.995	ug/l	97
38) Carbon Tetrachloride	5.666	117	100133	54.504	ug/l	99
39) Methylcyclohexane	7.373	83	111525	53.034	ug/l	90
40) Benzene	6.031	78	288247	51.400	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	64248	54.719	ug/l	91
42) 1,2-Dichloroethane	6.080	62	95641	52.946	ug/l	90
43) Isopropyl Acetate	6.342	43	179851	54.095	ug/l #	93
44) Trichloroethene	7.123	130	80084	53.275	ug/l	87
45) 1,2-Dichloropropane	7.428	63	72654	52.689	ug/l	99
46) Dibromomethane	7.580	93	54963	54.706	ug/l #	73
47) Bromodichloromethane	7.818	83	102637	55.641	ug/l	95
48) Methyl methacrylate	7.696	41	87482	55.134	ug/l #	84
49) 1,4-Dioxane	7.665	88	44287	1053.749	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	619720	270.595	ug/l	93
52) Toluene	8.714	92	188208	52.703	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106970	54.612	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	117323	58.094	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	82518	55.468	ug/l	98
56) Ethyl methacrylate	9.116	69	131198	56.689	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	129892	54.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	300351	278.486	ug/l	90
59) 2-Hexanone	9.433	43	483242	275.492	ug/l	91
60) Dibromochloromethane	9.519	129	96956	59.999	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87246	56.550	ug/l	100
64) Tetrachloroethene	9.275	164	79589	52.903	ug/l	90
65) Chlorobenzene	10.079	112	223308	51.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	84236	55.988	ug/l	99
67) Ethyl Benzene	10.195	91	352086	52.280	ug/l	97
68) m/p-Xylenes	10.299	106	289851	106.618	ug/l	90
69) o-Xylene	10.640	106	144298	53.612	ug/l	91
70) Styrene	10.653	104	247812	54.907	ug/l	94
71) Bromoform	10.799	173	81262	55.607	ug/l #	98
73) Isopropylbenzene	10.964	105	366533	51.132	ug/l	96
74) N-amyl acetate	10.842	43	159751	50.170	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	133718	50.168	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	107899m	50.414	ug/l	
77) Bromobenzene	11.195	156	110005	51.526	ug/l	76
78) n-propylbenzene	11.305	91	400931	51.547	ug/l	94
79) 2-Chlorotoluene	11.366	91	251387	50.165	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	311071	52.099	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	41023	54.434	ug/l #	84
82) 4-Chlorotoluene	11.451	91	286205	51.664	ug/l	91
83) tert-Butylbenzene	11.713	119	331478	50.596	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	316913	52.905	ug/l	93
85) sec-Butylbenzene	11.890	105	389750	52.596	ug/l	94
86) p-Isopropyltoluene	12.006	119	350326	54.120	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	196096	52.256	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	195833	50.862	ug/l	95
89) n-Butylbenzene	12.335	91	272405	54.668	ug/l	97
90) Hexachloroethane	12.536	117	57575	52.243	ug/l #	54
91) 1,2-Dichlorobenzene	12.335	146	199355	51.917	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28587	54.120	ug/l #	42
93) 1,2,4-Trichlorobenzene	13.585	180	140339	55.791	ug/l	95
94) Hexachlorobutadiene	13.725	225	68445	53.809	ug/l	99
95) Naphthalene	13.774	128	433907	51.315	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	145242	54.747	ug/l	95

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

