

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042333.D
 Acq On : 16 Jul 2024 09:49
 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 07/17/2024
 Supervised By : Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 05:31:52 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	156247	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	217312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83243	46.202	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.400%		
35) Dibromofluoromethane	5.385	113	80698	52.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.680%		
50) Toluene-d8	8.647	98	262618	48.481	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.960%		
62) 4-Bromofluorobenzene	11.079	95	107322	53.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	66558	55.915	ug/l	98
3) Chloromethane	1.307	50	66107	44.268	ug/l	100
4) Vinyl Chloride	1.374	62	68007	45.431	ug/l	97
5) Bromomethane	1.599	94	35184	47.599	ug/l	97
6) Chloroethane	1.666	64	36467	59.169	ug/l	98
7) Trichlorofluoromethane	1.867	101	109633	55.900	ug/l	94
8) Diethyl Ether	2.136	74	42238	45.880	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.313	101	66841	49.475	ug/l #	85
10) Methyl Iodide	2.441	142	71882	42.808	ug/l #	87
11) Tert butyl alcohol	3.001	59	84043	245.785	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	63738	47.296	ug/l	86
13) Acrolein	2.239	56	60234	157.147	ug/l	99
14) Allyl chloride	2.654	41	99087	46.361	ug/l	88
15) Acrylonitrile	3.075	53	233484	261.419	ug/l	99
16) Acetone	2.392	43	198938	251.458	ug/l #	88
17) Carbon Disulfide	2.495	76	138454	50.387	ug/l	98
18) Methyl Acetate	2.709	43	109207	50.601	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	236816	53.191	ug/l	100
20) Methylene Chloride	2.782	84	80525	46.484	ug/l	88
21) trans-1,2-Dichloroethene	3.081	96	70609	51.625	ug/l	86
22) Diisopropyl ether	3.770	45	226847	50.213	ug/l #	80
23) Vinyl Acetate	3.727	43	1005530	260.625	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	129954	51.367	ug/l	97
25) 2-Butanone	4.568	43	325609	264.547	ug/l	93
26) 2,2-Dichloropropane	4.471	77	104989	57.306	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	89022	51.968	ug/l	85
28) Bromochloromethane	4.897	49	45928	42.385	ug/l #	68
29) Tetrahydrofuran	5.013	42	206271	259.492	ug/l	92
30) Chloroform	5.093	83	137590	52.202	ug/l	99
31) Cyclohexane	5.458	56	106315	50.456	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	119513	54.265	ug/l	95
36) 1,1-Dichloropropene	5.690	75	87852	53.654	ug/l	93
37) Ethyl Acetate	4.721	43	119847	56.188	ug/l	98
38) Carbon Tetrachloride	5.672	117	105749	58.453	ug/l	96
39) Methylcyclohexane	7.379	83	116154	56.092	ug/l	90
40) Benzene	6.037	78	295203	53.456	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	63456	54.882	ug/l	91
42) 1,2-Dichloroethane	6.086	62	95253	53.549	ug/l	90
43) Isopropyl Acetate	6.348	43	173849	53.100	ug/l #	92
44) Trichloroethene	7.123	130	83355	56.311	ug/l	90
45) 1,2-Dichloropropane	7.427	63	73198	53.907	ug/l	99
46) Dibromomethane	7.580	93	55191	55.784	ug/l #	75
47) Bromodichloromethane	7.824	83	103048	56.730	ug/l	97
48) Methyl methacrylate	7.696	41	86662	55.464	ug/l #	84
49) 1,4-Dioxane	7.665	88	41382	1000.912	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	615523	272.929	ug/l	94
52) Toluene	8.720	92	196726	55.943	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	105523	54.704	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117038	58.852	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	82583	56.373	ug/l	98
56) Ethyl methacrylate	9.116	69	129349	56.756	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	130202	55.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	291622	274.584	ug/l	92
59) 2-Hexanone	9.433	43	481197	278.580	ug/l	91
60) Dibromochloromethane	9.519	129	95027	59.717	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86674	57.051	ug/l	99
64) Tetrachloroethene	9.275	164	83526	57.676	ug/l	90
65) Chlorobenzene	10.079	112	230909	55.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	83655	57.761	ug/l	98
67) Ethyl Benzene	10.195	91	369095	56.934	ug/l	97
68) m/p-Xylenes	10.299	106	301465	115.197	ug/l	90
69) o-Xylene	10.640	106	148846	57.450	ug/l	92
70) Styrene	10.653	104	256780	59.103	ug/l	94
71) Bromoform	10.799	173	79905	56.730	ug/l #	99
73) Isopropylbenzene	10.963	105	386315	54.723	ug/l	97
74) N-amyl acetate	10.842	43	156373	49.867	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	131255	50.003	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	104374m	49.520	ug/l	
77) Bromobenzene	11.201	156	112523	53.518	ug/l	76
78) n-propylbenzene	11.305	91	422979	55.221	ug/l	95
79) 2-Chlorotoluene	11.366	91	262990	53.290	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	326430	55.515	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	39822	53.655	ug/l	86
82) 4-Chlorotoluene	11.457	91	297930	54.611	ug/l	91
83) tert-Butylbenzene	11.713	119	354940	55.013	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	331000	56.109	ug/l	92
85) sec-Butylbenzene	11.890	105	414630	56.816	ug/l	95
86) p-Isopropyltoluene	12.012	119	370391	58.102	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	203172	54.977	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	203210	53.592	ug/l	95
89) n-Butylbenzene	12.335	91	287185	58.523	ug/l	96
90) Hexachloroethane	12.536	117	61047	56.248	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	203471	53.806	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28595	54.971	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.591	180	143737	58.023	ug/l	96
94) Hexachlorobutadiene	13.725	225	74857	59.758	ug/l	99
95) Naphthalene	13.774	128	434528	52.168	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148119	56.692	ug/l	95

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

