

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042045.D
 Acq On : 26 Jun 2024 12:02
 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

06/27/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 27 03:42:22 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	5.544	168	173875	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	244036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88502	44.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.280%
35) Dibromofluoromethane	5.379	113	83830	48.413	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.647	98	286448	47.089	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.180%
62) 4-Bromofluorobenzene	11.079	95	112783	50.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	85560	64.591	ug/l	99
3) Chloromethane	1.300	50	89948	54.126	ug/l	97
4) Vinyl Chloride	1.374	62	88422	53.080	ug/l	99
5) Bromomethane	1.599	94	48978	59.542	ug/l	95
6) Chloroethane	1.666	64	45295	66.423	ug/l	98
7) Trichlorofluoromethane	1.874	101	129754	59.452	ug/l	98
8) Diethyl Ether	2.136	74	51062	49.842	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	84584	56.261	ug/l #	85
10) Methyl Iodide	2.441	142	105628	56.527	ug/l #	86
11) Tert butyl alcohol	2.983	59	103538	272.100	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	81842	54.573	ug/l	81
13) Acrolein	2.239	56	109493	256.700	ug/l	98
14) Allyl chloride	2.654	41	128936	54.211	ug/l	88
15) Acrylonitrile	3.068	53	263284	264.898	ug/l	99
16) Acetone	2.386	43	227154	258.013	ug/l #	88
17) Carbon Disulfide	2.501	76	192048	62.805	ug/l	99
18) Methyl Acetate	2.703	43	108895	45.341	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	269610	54.417	ug/l	99
20) Methylene Chloride	2.782	84	93842	48.679	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	83702	54.993	ug/l	84
22) Diisopropyl ether	3.763	45	260644	51.845	ug/l #	83
23) Vinyl Acetate	3.721	43	1225406	285.414	ug/l #	95
24) 1,1-Dichloroethane	3.605	63	147713	52.467	ug/l	97
25) 2-Butanone	4.556	43	360188	262.972	ug/l	94
26) 2,2-Dichloropropane	4.465	77	115539	56.671	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	103066	54.066	ug/l	85
28) Bromochloromethane	4.897	49	53233	44.146	ug/l #	72
29) Tetrahydrofuran	5.007	42	234820	265.458	ug/l	93
30) Chloroform	5.086	83	153181	52.225	ug/l	99
31) Cyclohexane	5.458	56	130203	55.528	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	133361	54.414	ug/l	95
36) 1,1-Dichloropropene	5.684	75	103361	56.213	ug/l	94
37) Ethyl Acetate	4.714	43	136452	56.968	ug/l	97
38) Carbon Tetrachloride	5.672	117	117172	57.674	ug/l	99
39) Methylcyclohexane	7.373	83	143711	61.800	ug/l	92
40) Benzene	6.031	78	340574	54.918	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	74669	57.508	ug/l	92
42) 1,2-Dichloroethane	6.080	62	108944	54.539	ug/l	91
43) Isopropyl Acetate	6.342	43	203642	55.388	ug/l #	94
44) Trichloroethene	7.123	130	94582	56.898	ug/l	85
45) 1,2-Dichloropropane	7.427	63	83216	54.573	ug/l	100
46) Dibromomethane	7.580	93	62228	56.009	ug/l #	75
47) Bromodichloromethane	7.818	83	116395	57.061	ug/l	99
48) Methyl methacrylate	7.690	41	100141	57.072	ug/l #	85
49) 1,4-Dioxane	7.665	88	51565	1108.444	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	684669	270.343	ug/l	93
52) Toluene	8.714	92	222590	56.366	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	121939	56.223	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	133460	59.760	ug/l #	85
55) 1,1,2-Trichloroethane	9.147	97	89640	54.489	ug/l	98
56) Ethyl methacrylate	9.116	69	150930	58.973	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	147700	55.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	322434	270.350	ug/l	93
59) 2-Hexanone	9.433	43	533566	275.071	ug/l	91
60) Dibromochloromethane	9.518	129	105608	59.099	ug/l	99
61) 1,2-Dibromoethane	9.610	107	97633	57.226	ug/l	99
64) Tetrachloroethene	9.269	164	93616	57.255	ug/l	90
65) Chlorobenzene	10.079	112	256981	55.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	92746	56.718	ug/l	99
67) Ethyl Benzene	10.195	91	418299	57.149	ug/l	98
68) m/p-Xylenes	10.299	106	340838	115.356	ug/l	90
69) o-Xylene	10.640	106	165267	56.497	ug/l	93
70) Styrene	10.652	104	284698	58.039	ug/l	94
71) Bromoform	10.799	173	86613	54.596	ug/l #	99
73) Isopropylbenzene	10.963	105	425471	55.404	ug/l	97
74) N-amyl acetate	10.841	43	184044	53.953	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	144030	50.441	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	117077m	51.062	ug/l	
77) Bromobenzene	11.195	156	123262	53.893	ug/l	77
78) n-propylbenzene	11.305	91	472017	56.648	ug/l	96
79) 2-Chlorotoluene	11.366	91	286964	53.453	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	356535	55.740	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	46618	57.741	ug/l #	84
82) 4-Chlorotoluene	11.451	91	330230	55.644	ug/l	92
83) tert-Butylbenzene	11.713	119	380701	54.242	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	365735	56.992	ug/l	93
85) sec-Butylbenzene	11.890	105	451072	56.820	ug/l	95
86) p-Isopropyltoluene	12.006	119	401882	57.953	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	221764	55.163	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	219892	53.310	ug/l	95
89) n-Butylbenzene	12.329	91	315572	59.116	ug/l	97
90) Hexachloroethane	12.536	117	65436	55.424	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	219995	53.479	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31505	55.675	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	152750	56.683	ug/l	96
94) Hexachlorobutadiene	13.725	225	75500	55.406	ug/l	99
95) Naphthalene	13.774	128	471496	52.039	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	157544	55.432	ug/l	95

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

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