

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043296.D
 Acq On : 04 Oct 2024 17:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2024
 Supervised By : Mahesh Dadoda 10/07/2024

Quant Time: Oct 04 23:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	95792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79886	51.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.120%			
35) Dibromofluoromethane	5.385	113	58729	50.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	8.646	98	201412	49.725	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.079	95	73668	50.062	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55352	49.677	ug/l	98
3) Chloromethane	1.300	50	54013	47.068	ug/l	98
4) Vinyl Chloride	1.373	62	56337	49.012	ug/l	99
5) Bromomethane	1.599	94	23415	49.860	ug/l	99
6) Chloroethane	1.666	64	23067	53.889	ug/l	98
7) Trichlorofluoromethane	1.873	101	85305	49.670	ug/l	98
8) Diethyl Ether	2.135	74	34879	52.187	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	55676	51.948	ug/l	98
10) Methyl Iodide	2.446	142	67353	50.034	ug/l	99
11) Tert butyl alcohol	2.995	59	87607	294.277	ug/l	99
12) 1,1-Dichloroethene	2.312	96	51778	48.650	ug/l	98
13) Acrolein	2.239	56	74199	263.885	ug/l	100
14) Allyl chloride	2.660	41	88649	50.699	ug/l	99
15) Acrylonitrile	3.068	53	163679	269.257	ug/l	98
16) Acetone	2.392	43	155152	237.483	ug/l	100
17) Carbon Disulfide	2.501	76	113719	43.929	ug/l	97
18) Methyl Acetate	2.709	43	94746	57.810	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	202800	53.261	ug/l	100
20) Methylene Chloride	2.788	84	59049	49.020	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	52940	49.980	ug/l	98
22) Diisopropyl ether	3.763	45	188109	53.487	ug/l	96
23) Vinyl Acetate	3.721	43	1142905	278.300	ug/l	99
24) 1,1-Dichloroethane	3.605	63	109026	53.213	ug/l	99
25) 2-Butanone	4.562	43	239378	267.226	ug/l	98
26) 2,2-Dichloropropane	4.470	77	99302	50.940	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	68106	51.556	ug/l	100
28) Bromochloromethane	4.897	49	39980	49.461	ug/l	98
29) Tetrahydrofuran	5.007	42	153103	268.292	ug/l	98
30) Chloroform	5.092	83	117280	52.124	ug/l	100
31) Cyclohexane	5.464	56	82732	49.010	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	106968	51.759	ug/l	99
36) 1,1-Dichloropropene	5.690	75	74029	50.134	ug/l	99
37) Ethyl Acetate	4.720	43	92276	52.038	ug/l	99
38) Carbon Tetrachloride	5.671	117	88800	50.800	ug/l	98
39) Methylcyclohexane	7.378	83	92098	49.591	ug/l	100
40) Benzene	6.037	78	227786	50.880	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50322	54.517	ug/l	99
42) 1,2-Dichloroethane	6.086	62	94999	52.074	ug/l	100
43) Isopropyl Acetate	6.342	43	154576	52.777	ug/l	100
44) Trichloroethene	7.122	130	60702	51.120	ug/l	94
45) 1,2-Dichloropropane	7.427	63	56802	51.701	ug/l	99
46) Dibromomethane	7.580	93	46090	52.352	ug/l	98
47) Bromodichloromethane	7.823	83	89700	51.824	ug/l	99
48) Methyl methacrylate	7.695	41	76134	52.978	ug/l	99
49) 1,4-Dioxane	7.665	88	32429	1160.869	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	478101	268.770	ug/l	99
52) Toluene	8.720	92	143402	51.109	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	90252	52.474	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	95170	51.591	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	58101	52.104	ug/l	100
56) Ethyl methacrylate	9.116	69	99625	54.647	ug/l	100
57) 1,3-Dichloropropane	9.305	76	98121	51.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	226381	275.486	ug/l	100
59) 2-Hexanone	9.433	43	364923	271.279	ug/l	99
60) Dibromochloromethane	9.518	129	67245	51.982	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62178	51.899	ug/l	99
64) Tetrachloroethene	9.274	164	51025	51.276	ug/l	98
65) Chlorobenzene	10.079	112	156489	50.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57981	53.183	ug/l	99
67) Ethyl Benzene	10.195	91	280455	52.626	ug/l	99
68) m/p-Xylenes	10.299	106	206011	102.292	ug/l	98
69) o-Xylene	10.640	106	103260	51.597	ug/l	100
70) Styrene	10.652	104	173058	53.359	ug/l	99
71) Bromoform	10.799	173	44400	53.164	ug/l #	99
73) Isopropylbenzene	10.963	105	270774	51.671	ug/l	100
74) N-amyl acetate	10.841	43	130556	52.482	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	88555	51.873	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	76255m	51.005	ug/l	
77) Bromobenzene	11.195	156	64551	50.618	ug/l	98
78) n-propylbenzene	11.305	91	302978	52.666	ug/l	100
79) 2-Chlorotoluene	11.366	91	187337	50.653	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	222376	51.443	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29842	51.731	ug/l	97
82) 4-Chlorotoluene	11.451	91	215547	51.161	ug/l	100
83) tert-Butylbenzene	11.713	119	227974	51.190	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	223878	51.473	ug/l	98
85) sec-Butylbenzene	11.890	105	275256	52.138	ug/l	99
86) p-Isopropyltoluene	12.006	119	231746	52.614	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115753	51.527	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113584	49.042	ug/l	99
89) n-Butylbenzene	12.329	91	198815	53.915	ug/l	99
90) Hexachloroethane	12.536	117	42309	51.218	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	115355	50.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21789	52.277	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	68563	51.767	ug/l	99
94) Hexachlorobutadiene	13.725	225	27443	52.268	ug/l	98
95) Naphthalene	13.774	128	252890	51.940	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70548	51.626	ug/l	98

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

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