

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061124\
 Data File : VX041820.D
 Acq On : 11 Jun 2024 10:12
 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 :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

Quant Time: Jun 12 05:54:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	193904	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	278471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	257315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	143793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112028	47.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.220%		
35) Dibromofluoromethane	5.379	113	89253	46.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.720%		
50) Toluene-d8	8.647	98	319427	47.482	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.960%		
62) 4-Bromofluorobenzene	11.079	95	121126	48.783	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	76177	44.710	ug/l	98
3) Chloromethane	1.294	50	80315	43.204	ug/l	99
4) Vinyl Chloride	1.374	62	84647	44.232	ug/l	99
5) Bromomethane	1.599	94	55712	41.802	ug/l	99
6) Chloroethane	1.666	64	48011	41.508	ug/l	97
7) Trichlorofluoromethane	1.868	101	152495	48.797	ug/l	100
8) Diethyl Ether	2.136	74	61659	51.194	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	82048	46.335	ug/l	91
10) Methyl Iodide	2.441	142	101850	46.125	ug/l	90
11) Tert butyl alcohol	3.001	59	95496	226.994	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	76818	44.443	ug/l	90
13) Acrolein	2.239	56	83328	212.730	ug/l	98
14) Allyl chloride	2.654	41	137483	48.349	ug/l	97
15) Acrylonitrile	3.069	53	243074	235.599	ug/l	99
16) Acetone	2.386	43	249127	242.358	ug/l	95
17) Carbon Disulfide	2.502	76	156106	40.826	ug/l	98
18) Methyl Acetate	2.703	43	118884	52.354	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	266105	46.015	ug/l	99
20) Methylene Chloride	2.782	84	89585	42.094	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	80599	44.943	ug/l	93
22) Diisopropyl ether	3.757	45	277317	47.720	ug/l	95
23) Vinyl Acetate	3.715	43	1241476	237.796	ug/l	98
24) 1,1-Dichloroethane	3.605	63	154062	46.884	ug/l	98
25) 2-Butanone	4.562	43	352587	238.548	ug/l	99
26) 2,2-Dichloropropane	4.465	77	122729	45.522	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	99774	46.542	ug/l	91
28) Bromochloromethane	4.891	49	68510	48.407	ug/l	83
29) Tetrahydrofuran	5.001	42	221352	237.466	ug/l	97
30) Chloroform	5.086	83	161101	46.695	ug/l	99
31) Cyclohexane	5.458	56	127056	45.252	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	139738	46.219	ug/l	98
36) 1,1-Dichloropropene	5.684	75	106305	45.599	ug/l	97
37) Ethyl Acetate	4.715	43	134072	45.570	ug/l	99
38) Carbon Tetrachloride	5.666	117	120503	45.496	ug/l	99
39) Methylcyclohexane	7.373	83	134906	47.102	ug/l	94
40) Benzene	6.031	78	340059	46.667	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	73147	50.836	ug/l	97
42) 1,2-Dichloroethane	6.080	62	125447	46.116	ug/l	96
43) Isopropyl Acetate	6.342	43	205890	46.351	ug/l	99
44) Trichloroethene	7.117	130	90471	45.650	ug/l	88
45) 1,2-Dichloropropane	7.421	63	83312	48.086	ug/l	99
46) Dibromomethane	7.574	93	61401	46.206	ug/l #	81
47) Bromodichloromethane	7.818	83	117609	47.798	ug/l	98
48) Methyl methacrylate	7.690	41	103852	48.684	ug/l	95
49) 1,4-Dioxane	7.665	88	43458	932.397	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	705763	245.019	ug/l	99
52) Toluene	8.714	92	218495	47.248	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	118783	49.043	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	128827	48.082	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	88079	47.249	ug/l	98
56) Ethyl methacrylate	9.116	69	140398	49.343	ug/l	99
57) 1,3-Dichloropropane	9.305	76	144635	46.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	342005	255.309	ug/l	96
59) 2-Hexanone	9.433	43	547896	249.491	ug/l	98
60) Dibromochloromethane	9.519	129	101143	48.910	ug/l	99
61) 1,2-Dibromoethane	9.604	107	90890	46.196	ug/l	98
64) Tetrachloroethene	9.269	164	88221	45.745	ug/l	92
65) Chlorobenzene	10.079	112	250061	45.282	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	88821	46.352	ug/l	98
67) Ethyl Benzene	10.189	91	416999	47.382	ug/l	100
68) m/p-Xylenes	10.299	106	332331	94.922	ug/l	93
69) o-Xylene	10.640	106	162261	46.588	ug/l	95
70) Styrene	10.653	104	280801	48.812	ug/l	96
71) Bromoform	10.799	173	79967	47.918	ug/l #	99
73) Isopropylbenzene	10.957	105	424694	47.614	ug/l	97
74) N-amyl acetate	10.842	43	191058	48.355	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	145237	45.882	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	120591m	48.066	ug/l	
77) Bromobenzene	11.195	156	118174	44.885	ug/l	81
78) n-propylbenzene	11.305	91	480892	49.099	ug/l	97
79) 2-Chlorotoluene	11.360	91	293426	46.611	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	352645	47.353	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	43356	47.099	ug/l	96
82) 4-Chlorotoluene	11.451	91	340421	47.533	ug/l	94
83) tert-Butylbenzene	11.713	119	374905	46.734	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	363624	48.192	ug/l	95
85) sec-Butylbenzene	11.890	105	450632	48.998	ug/l	96
86) p-Isopropyltoluene	12.006	119	395889	49.082	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	216987	46.148	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	221838	45.769	ug/l	95
89) n-Butylbenzene	12.329	91	324546	50.827	ug/l	98
90) Hexachloroethane	12.536	117	65603	47.820	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	222649	46.487	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29989	46.896	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	151561	48.015	ug/l	94
94) Hexachlorobutadiene	13.725	225	73354	46.906	ug/l	98
95) Naphthalene	13.774	128	446473	47.932	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153879	47.368	ug/l	96

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

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