

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044540.D
 Acq On : 30 Dec 2024 13:07
 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 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024

Quant Time: Dec 31 04:53:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	137969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98268	40.623	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.240%		
35) Dibromofluoromethane	5.379	113	77511	50.062	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.120%		
50) Toluene-d8	8.647	98	257484	49.293	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.079	95	92916	50.906	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97119	45.524	ug/l	97
3) Chloromethane	1.294	50	89508	43.875	ug/l	98
4) Vinyl Chloride	1.374	62	92481	43.513	ug/l	99
5) Bromomethane	1.593	94	62273	41.301	ug/l	98
6) Chloroethane	1.660	64	58013	43.836	ug/l	100
7) Trichlorofluoromethane	1.868	101	169183	40.661	ug/l	100
8) Diethyl Ether	2.130	74	65134	45.861	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	83029	49.314	ug/l	94
10) Methyl Iodide	2.441	142	110611	49.847	ug/l	95
11) Tert butyl alcohol	2.995	59	69435	203.663	ug/l	99
12) 1,1-Dichloroethene	2.306	96	75538	48.846	ug/l	91
13) Acrolein	2.233	56	70342	142.534	ug/l	99
14) Allyl chloride	2.654	41	115796	44.955	ug/l	98
15) Acrylonitrile	3.069	53	220193	233.158	ug/l	98
16) Acetone	2.386	43	200539m	203.343	ug/l	
17) Carbon Disulfide	2.495	76	133615	45.453	ug/l	99
18) Methyl Acetate	2.703	43	118398	46.562	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	261931	43.403	ug/l	98
20) Methylene Chloride	2.782	84	83957	45.325	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	74662	45.427	ug/l	97
22) Diisopropyl ether	3.764	45	251297	43.324	ug/l	98
23) Vinyl Acetate	3.721	43	1085699	230.231	ug/l	98
24) 1,1-Dichloroethane	3.599	63	147276	45.551	ug/l	99
25) 2-Butanone	4.562	43	304270	217.020	ug/l	98
26) 2,2-Dichloropropane	4.465	77	122500	46.637	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	96079	46.029	ug/l	94
28) Bromochloromethane	4.897	49	67730	42.719	ug/l	92
29) Tetrahydrofuran	5.007	42	195789	217.562	ug/l	99
30) Chloroform	5.086	83	160188	44.097	ug/l	97
31) Cyclohexane	5.458	56	115447	44.218	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	139739	46.342	ug/l	100
36) 1,1-Dichloropropene	5.684	75	98907	49.419	ug/l	98
37) Ethyl Acetate	4.721	43	117573	47.524	ug/l	97
38) Carbon Tetrachloride	5.666	117	113637	52.739	ug/l	99
39) Methylcyclohexane	7.373	83	128975	53.905	ug/l	96
40) Benzene	6.031	78	313533	51.597	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63812	48.575	ug/l	95
42) 1,2-Dichloroethane	6.080	62	122458	48.922	ug/l	96
43) Isopropyl Acetate	6.342	43	191709	49.578	ug/l	99
44) Trichloroethene	7.123	130	81658	53.888	ug/l	93
45) 1,2-Dichloropropane	7.428	63	79249	51.047	ug/l	93
46) Dibromomethane	7.580	93	61783	51.298	ug/l	91
47) Bromodichloromethane	7.818	83	112645	54.155	ug/l	99
48) Methyl methacrylate	7.696	41	91897	48.959	ug/l	96
49) 1,4-Dioxane	7.665	88	34501m	1108.620	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	622530	250.388	ug/l	98
52) Toluene	8.714	92	195660	51.274	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	109219	48.988	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	122807	54.223	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	81590	53.821	ug/l	99
56) Ethyl methacrylate	9.116	69	122100	51.019	ug/l	98
57) 1,3-Dichloropropane	9.305	76	134878	51.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	279710	231.727	ug/l	98
59) 2-Hexanone	9.433	43	456184	253.490	ug/l	97
60) Dibromochloromethane	9.519	129	84109	52.230	ug/l	98
61) 1,2-Dibromoethane	9.610	107	86500	56.057	ug/l	96
64) Tetrachloroethene	9.269	164	73466	56.524	ug/l	97
65) Chlorobenzene	10.079	112	222713	53.076	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	77293	57.314	ug/l	99
67) Ethyl Benzene	10.189	91	381762	52.655	ug/l	98
68) m/p-Xylenes	10.299	106	283669	106.627	ug/l	97
69) o-Xylene	10.640	106	142859	53.072	ug/l	94
70) Styrene	10.653	104	239936	55.603	ug/l	96
71) Bromoform	10.799	173	53742	56.136	ug/l #	99
73) Isopropylbenzene	10.963	105	371310	49.257	ug/l	99
74) N-amyl acetate	10.842	43	159962	45.915	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	122724	46.872	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103237m	46.956	ug/l	
77) Bromobenzene	11.195	156	93453	51.123	ug/l	93
78) n-propylbenzene	11.305	91	414470	49.746	ug/l	97
79) 2-Chlorotoluene	11.366	91	253407	47.028	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	309707	49.542	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33669	44.565	ug/l	98
82) 4-Chlorotoluene	11.451	91	289361	48.495	ug/l	97
83) tert-Butylbenzene	11.713	119	311269	50.383	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	311357	50.715	ug/l	96
85) sec-Butylbenzene	11.890	105	385987	51.464	ug/l	98
86) p-Isopropyltoluene	12.006	119	323908	51.888	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	167888	52.579	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	166124	50.610	ug/l	98
89) n-Butylbenzene	12.329	91	273813	52.164	ug/l	99
90) Hexachloroethane	12.536	117	48767	53.517	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	169759	51.202	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23942	47.105	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	103255	56.806	ug/l	98
94) Hexachlorobutadiene	13.725	225	43572	59.595	ug/l	96
95) Naphthalene	13.774	128	362347	51.070	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	108119	56.081	ug/l	98

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

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