

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044308.D
 Acq On : 16 Dec 2024 08:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 00:42:40 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/17/2024
 Supervised By :Semsettin Yesilyurt 12/17/2024

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	139378	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	244474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111334	45.559	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.120%		
35) Dibromofluoromethane	5.379	113	83428	49.272	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.540%		
50) Toluene-d8	8.641	98	279261	48.887	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.780%		
62) 4-Bromofluorobenzene	11.079	95	96647	48.419	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	110626	51.331	ug/l	98
3) Chloromethane	1.294	50	100403	48.718	ug/l	98
4) Vinyl Chloride	1.374	62	102385	47.686	ug/l	96
5) Bromomethane	1.599	94	69588	45.685	ug/l	97
6) Chloroethane	1.666	64	62712	46.907	ug/l	97
7) Trichlorofluoromethane	1.867	101	207694	49.412	ug/l	98
8) Diethyl Ether	2.130	74	61938	43.170	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	90544	53.234	ug/l	99
10) Methyl Iodide	2.441	142	104644	46.681	ug/l	99
11) Tert butyl alcohol	3.007	59	75206	218.361	ug/l	99
12) 1,1-Dichloroethene	2.306	96	80782	51.708	ug/l	98
13) Acrolein	2.233	56	136673	274.141	ug/l	99
14) Allyl chloride	2.654	41	134997	51.879	ug/l	99
15) Acrylonitrile	3.062	53	220146	230.752	ug/l	99
16) Acetone	2.380	43	277963	279.001	ug/l	97
17) Carbon Disulfide	2.502	76	170467	57.403	ug/l	100
18) Methyl Acetate	2.703	43	115672	45.030	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	293948	48.216	ug/l	99
20) Methylene Chloride	2.782	84	90461	48.342	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	83553	50.323	ug/l	96
22) Diisopropyl ether	3.757	45	285903	48.792	ug/l	98
23) Vinyl Acetate	3.715	43	1231090	258.424	ug/l	99
24) 1,1-Dichloroethane	3.599	63	165751	50.747	ug/l	99
25) 2-Butanone	4.556	43	334703	236.313	ug/l	99
26) 2,2-Dichloropropane	4.458	77	150352	56.662	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	100284	47.558	ug/l	99
28) Bromochloromethane	4.885	49	76752	47.920	ug/l	97
29) Tetrahydrofuran	5.001	42	194173	213.585	ug/l	99
30) Chloroform	5.080	83	176157	48.002	ug/l	99
31) Cyclohexane	5.452	56	134608	51.035	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	155855	51.164	ug/l	98
36) 1,1-Dichloropropene	5.684	75	114418	52.277	ug/l	100
37) Ethyl Acetate	4.708	43	126299	46.682	ug/l	99
38) Carbon Tetrachloride	5.666	117	128566	54.561	ug/l	96
39) Methylcyclohexane	7.373	83	147614	56.416	ug/l	97
40) Benzene	6.025	78	338436	50.929	ug/l	99

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41) Methacrylonitrile	4.916	41	64755	45.074	ug/l	97
42) 1,2-Dichloroethane	6.074	62	137831	50.351	ug/l	99
43) Isopropyl Acetate	6.336	43	203384	48.097	ug/l	100
44) Trichloroethene	7.117	130	84716	51.122	ug/l	98
45) 1,2-Dichloropropane	7.421	63	83040	48.912	ug/l	99
46) Dibromomethane	7.574	93	66712	50.650	ug/l	99
47) Bromodichloromethane	7.812	83	124250	54.622	ug/l	98
48) Methyl methacrylate	7.690	41	94819	46.192	ug/l	98
49) 1,4-Dioxane	7.659	88	28971	851.260	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	618153	227.351	ug/l	99
52) Toluene	8.714	92	203030	48.652	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	124383	50.878	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	134510	54.308	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	81180	48.968	ug/l	96
56) Ethyl methacrylate	9.116	69	131035	50.067	ug/l	97
57) 1,3-Dichloropropane	9.305	76	140579	48.717	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	322186	244.075	ug/l	100
59) 2-Hexanone	9.427	43	480115	243.957	ug/l	100
60) Dibromochloromethane	9.519	129	87323	49.756	ug/l	97
61) 1,2-Dibromoethane	9.604	107	85604	50.729	ug/l	97
64) Tetrachloroethene	9.269	164	70444	51.556	ug/l	93
65) Chlorobenzene	10.073	112	220448	49.974	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	78369	55.279	ug/l	99
67) Ethyl Benzene	10.189	91	396393	52.007	ug/l	98
68) m/p-Xylenes	10.299	106	292255	104.497	ug/l	98
69) o-Xylene	10.640	106	141788	50.106	ug/l	100
70) Styrene	10.652	104	242125	53.374	ug/l	97
71) Bromoform	10.799	173	52920	53.004	ug/l #	99
73) Isopropylbenzene	10.957	105	379505	51.656	ug/l	99
74) N-amyl acetate	10.841	43	170652	50.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	119271	46.740	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100840m	47.061	ug/l	
77) Bromobenzene	11.195	156	84496	47.428	ug/l	98
78) n-propylbenzene	11.299	91	423538	52.159	ug/l	100
79) 2-Chlorotoluene	11.360	91	252548	48.090	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	306219	50.261	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	36024	48.379	ug/l	97
82) 4-Chlorotoluene	11.451	91	297134	51.095	ug/l	98
83) tert-Butylbenzene	11.713	119	298265	49.536	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	307294	51.358	ug/l	100
85) sec-Butylbenzene	11.890	105	385516	52.741	ug/l	99
86) p-Isopropyltoluene	12.006	119	325542	53.509	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	160182	51.473	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	162126	50.680	ug/l	98
89) n-Butylbenzene	12.329	91	290065	56.700	ug/l	99
90) Hexachloroethane	12.536	117	52370	58.969	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	165459	51.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25002	50.472	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	97086	54.804	ug/l	98
94) Hexachlorobutadiene	13.725	225	37294	52.338	ug/l	97
95) Naphthalene	13.774	128	352655	50.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	95989	51.086	ug/l	99

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

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