

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044464.D
 Acq On : 20 Dec 2024 19:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 22:37:33 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 :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	140284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109103	44.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.720%		
35) Dibromofluoromethane	5.379	113	86675	52.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.700%		
50) Toluene-d8	8.647	98	290046	51.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.840%		
62) 4-Bromofluorobenzene	11.079	95	99862	51.161	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104302	48.084	ug/l	95
3) Chloromethane	1.294	50	97601	47.052	ug/l	99
4) Vinyl Chloride	1.374	62	102407	47.388	ug/l	96
5) Bromomethane	1.593	94	69880	45.581	ug/l	98
6) Chloroethane	1.666	64	71114	52.848	ug/l	97
7) Trichlorofluoromethane	1.868	101	168610	39.855	ug/l	98
8) Diethyl Ether	2.136	74	61643	42.687	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	82704	48.311	ug/l	96
10) Methyl Iodide	2.441	142	113213	50.177	ug/l	98
11) Tert butyl alcohol	2.989	59	71333	205.778	ug/l	100
12) 1,1-Dichloroethene	2.306	96	78622	50.001	ug/l	95
13) Acrolein	2.239	56	111786	222.774	ug/l	98
14) Allyl chloride	2.654	41	124514	47.541	ug/l	97
15) Acrylonitrile	3.062	53	217189	226.182	ug/l	98
16) Acetone	2.386	43	189212	188.692	ug/l	95
17) Carbon Disulfide	2.502	76	152826	51.130	ug/l	100
18) Methyl Acetate	2.709	43	120686	46.678	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	276668	45.089	ug/l	99
20) Methylene Chloride	2.782	84	89276	47.401	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	81078	48.517	ug/l	99
22) Diisopropyl ether	3.764	45	265503	45.018	ug/l	98
23) Vinyl Acetate	3.721	43	1167584	243.510	ug/l	98
24) 1,1-Dichloroethane	3.605	63	157858	48.018	ug/l	99
25) 2-Butanone	4.562	43	303982	213.237	ug/l	98
26) 2,2-Dichloropropane	4.471	77	116211	43.513	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	100836	47.511	ug/l	95
28) Bromochloromethane	4.891	49	71526	44.369	ug/l	95
29) Tetrahydrofuran	5.007	42	194494	212.557	ug/l	99
30) Chloroform	5.093	83	166909	45.189	ug/l	99
31) Cyclohexane	5.464	56	122203	46.033	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	144394	47.095	ug/l	99
36) 1,1-Dichloropropene	5.684	75	104911	49.017	ug/l	97
37) Ethyl Acetate	4.721	43	127468	48.180	ug/l	100
38) Carbon Tetrachloride	5.666	117	118357	51.365	ug/l	99
39) Methylcyclohexane	7.373	83	131438	51.370	ug/l	96
40) Benzene	6.031	78	333117	51.262	ug/l	99

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41) Methacrylonitrile	4.922	41	66592	47.401	ug/l	98
42) 1,2-Dichloroethane	6.080	62	127634	47.680	ug/l	98
43) Isopropyl Acetate	6.342	43	198680	48.047	ug/l	98
44) Trichloroethene	7.117	130	86021	53.083	ug/l	93
45) 1,2-Dichloropropane	7.428	63	82383	49.622	ug/l	96
46) Dibromomethane	7.574	93	65924	51.184	ug/l	94
47) Bromodichloromethane	7.818	83	117278	52.723	ug/l	100
48) Methyl methacrylate	7.690	41	94575	47.115	ug/l	96
49) 1,4-Dioxane	7.659	88	33398	1003.530	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	625919	235.413	ug/l	99
52) Toluene	8.714	92	204328	50.071	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	115268	48.388	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	127004	52.437	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	82378	50.814	ug/l	96
56) Ethyl methacrylate	9.116	69	131845	51.516	ug/l	95
57) 1,3-Dichloropropane	9.305	76	140522	49.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	314516	243.652	ug/l	98
59) 2-Hexanone	9.433	43	454909	236.376	ug/l	99
60) Dibromochloromethane	9.519	129	86219	50.206	ug/l	99
61) 1,2-Dibromoethane	9.604	107	87547	53.053	ug/l	98
64) Tetrachloroethene	9.269	164	70888	51.727	ug/l	97
65) Chlorobenzene	10.079	112	225888	51.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79060	55.601	ug/l	99
67) Ethyl Benzene	10.189	91	385756	50.462	ug/l	96
68) m/p-Xylenes	10.299	106	294612	105.028	ug/l	95
69) o-Xylene	10.640	106	146149	51.494	ug/l	93
70) Styrene	10.653	104	240058	52.761	ug/l	96
71) Bromoform	10.799	173	51823	51.900	ug/l #	99
73) Isopropylbenzene	10.957	105	374548	50.011	ug/l	100
74) N-amyl acetate	10.842	43	168135	48.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	125030	48.065	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	102028m	46.709	ug/l	
77) Bromobenzene	11.195	156	94262	51.903	ug/l	94
78) n-propylbenzene	11.305	91	417465	50.432	ug/l	98
79) 2-Chlorotoluene	11.360	91	253139	47.285	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	309218	49.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32407	43.348	ug/l	95
82) 4-Chlorotoluene	11.451	91	289306	48.802	ug/l	98
83) tert-Butylbenzene	11.713	119	312731	50.950	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	308415	50.564	ug/l	98
85) sec-Butylbenzene	11.890	105	376639	50.546	ug/l	99
86) p-Isopropyltoluene	12.006	119	319422	51.504	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	163311	51.480	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	161681	49.579	ug/l	98
89) n-Butylbenzene	12.329	91	261860	50.212	ug/l	99
90) Hexachloroethane	12.536	117	47928	52.940	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	167214	50.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23250	46.042	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	97858	54.188	ug/l	98
94) Hexachlorobutadiene	13.725	225	40506	55.763	ug/l	98
95) Naphthalene	13.774	128	343151	48.680	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	101400	52.939	ug/l	98

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

