

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044195.D
 Acq On : 09 Dec 2024 18:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 01:47:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131298	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	235785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105126	46.681	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
35) Dibromofluoromethane	5.385	113	77035	45.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.647	98	260361	44.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	11.079	95	97692	49.426	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62774	37.740	ug/l	99
3) Chloromethane	1.294	50	70433	40.240	ug/l	97
4) Vinyl Chloride	1.374	62	77773	41.774	ug/l	95
5) Bromomethane	1.593	94	55509	48.466	ug/l	96
6) Chloroethane	1.660	64	52511	46.289	ug/l	98
7) Trichlorofluoromethane	1.867	101	158833	47.719	ug/l	97
8) Diethyl Ether	2.136	74	58422	48.156	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	69490	43.767	ug/l	99
10) Methyl Iodide	2.440	142	94864	47.840	ug/l	98
11) Tert butyl alcohol	3.001	59	81324	224.985	ug/l	98
12) 1,1-Dichloroethene	2.306	96	66330	43.842	ug/l	98
13) Acrolein	2.239	56	97792	256.674	ug/l	98
14) Allyl chloride	2.654	41	116347	47.063	ug/l	98
15) Acrylonitrile	3.068	53	221106	251.011	ug/l	99
16) Acetone	2.392	43	214107	207.003	ug/l	100
17) Carbon Disulfide	2.501	76	112753	36.130	ug/l	100
18) Methyl Acetate	2.709	43	119578	49.645	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	279759	50.926	ug/l	99
20) Methylene Chloride	2.782	84	79720	45.418	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	71950	46.062	ug/l	93
22) Diisopropyl ether	3.763	45	261443	49.458	ug/l	97
23) Vinyl Acetate	3.721	43	1132475	250.436	ug/l	100
24) 1,1-Dichloroethane	3.605	63	149227	48.934	ug/l	98
25) 2-Butanone	4.568	43	331515	248.401	ug/l	99
26) 2,2-Dichloropropane	4.464	77	118688	43.095	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	91381	47.328	ug/l	98
28) Bromochloromethane	4.897	49	59291	44.170	ug/l	97
29) Tetrahydrofuran	5.013	42	212659	259.914	ug/l	98
30) Chloroform	5.092	83	164031	50.011	ug/l	97
31) Cyclohexane	5.458	56	111053	44.246	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	140424	49.647	ug/l	100
36) 1,1-Dichloropropene	5.684	75	97977	46.667	ug/l	99
37) Ethyl Acetate	4.721	43	127992	49.112	ug/l	99
38) Carbon Tetrachloride	5.672	117	111142	47.113	ug/l	97
39) Methylcyclohexane	7.372	83	117340	43.022	ug/l	98
40) Benzene	6.031	78	308789	47.218	ug/l	98

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41) Methacrylonitrile	4.922	41	68199	51.129	ug/l	96
42) 1,2-Dichloroethane	6.086	62	129196	49.190	ug/l	100
43) Isopropyl Acetate	6.342	43	212581	51.255	ug/l	99
44) Trichloroethene	7.123	130	76601	41.377	ug/l	94
45) 1,2-Dichloropropane	7.427	63	77580	48.435	ug/l	92
46) Dibromomethane	7.580	93	63965	50.484	ug/l	98
47) Bromodichloromethane	7.818	83	116358	51.205	ug/l	96
48) Methyl methacrylate	7.696	41	100896	50.698	ug/l	99
49) 1,4-Dioxane	7.665	88	29761	839.512	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	685832	270.971	ug/l	99
52) Toluene	8.714	92	192454	49.168	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	117834	50.850	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	123739	48.710	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	81959	50.724	ug/l	97
56) Ethyl methacrylate	9.116	69	132200	52.529	ug/l	97
57) 1,3-Dichloropropane	9.305	76	138542	50.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	328935	238.340	ug/l	100
59) 2-Hexanone	9.433	43	514271	270.331	ug/l	99
60) Dibromochloromethane	9.518	129	82189	50.698	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84512	51.728	ug/l	99
64) Tetrachloroethene	9.275	164	64007	46.478	ug/l	98
65) Chlorobenzene	10.079	112	217542	47.426	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	75268	50.596	ug/l	98
67) Ethyl Benzene	10.195	91	381676	49.105	ug/l	99
68) m/p-Xylenes	10.299	106	283405	97.773	ug/l	100
69) o-Xylene	10.640	106	142308	50.284	ug/l	98
70) Styrene	10.652	104	236741	50.577	ug/l	98
71) Bromoform	10.799	173	50122	44.729	ug/l #	99
73) Isopropylbenzene	10.963	105	365951	47.738	ug/l	99
74) N-amyl acetate	10.841	43	184869	52.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	127456	48.557	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	108157m	49.455	ug/l	
77) Bromobenzene	11.195	156	87469	47.832	ug/l	99
78) n-propylbenzene	11.305	91	418467	48.877	ug/l	98
79) 2-Chlorotoluene	11.360	91	256367	47.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	311795	49.438	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36117	45.064	ug/l	94
82) 4-Chlorotoluene	11.451	91	296611	48.528	ug/l	100
83) tert-Butylbenzene	11.713	119	309761	49.553	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	308254	49.093	ug/l	100
85) sec-Butylbenzene	11.890	105	378505	49.420	ug/l	99
86) p-Isopropyltoluene	12.006	119	312583	50.244	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	158004	47.440	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	158608	46.709	ug/l	98
89) n-Butylbenzene	12.329	91	270623	49.338	ug/l	100
90) Hexachloroethane	12.536	117	48712	46.047	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	161209	47.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26680	50.727	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	91104	45.975	ug/l	99
94) Hexachlorobutadiene	13.725	225	35883	45.818	ug/l	98
95) Naphthalene	13.774	128	363187	50.915	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	96130	47.928	ug/l	95

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

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