

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043387.D
 Acq On : 14 Oct 2024 17:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 01:49:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	99117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84656	52.298	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.600%			
35) Dibromofluoromethane	5.385	113	60617	50.134	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	8.647	98	204836	48.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	76625	50.337	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57532	49.901	ug/l	97
3) Chloromethane	1.294	50	58532	49.294	ug/l	99
4) Vinyl Chloride	1.374	62	60386	50.772	ug/l	96
5) Bromomethane	1.599	94	23878	49.140	ug/l	96
6) Chloroethane	1.666	64	22333	50.424	ug/l	98
7) Trichlorofluoromethane	1.874	101	86541	48.699	ug/l	99
8) Diethyl Ether	2.136	74	34520	49.917	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	55896	50.404	ug/l	99
10) Methyl Iodide	2.447	142	73896	53.053	ug/l	99
11) Tert butyl alcohol	2.995	59	77151	250.461	ug/l	99
12) 1,1-Dichloroethene	2.312	96	54128	49.152	ug/l	98
13) Acrolein	2.239	56	67577	232.272	ug/l	99
14) Allyl chloride	2.660	41	90826	50.202	ug/l	100
15) Acrylonitrile	3.068	53	158346	251.746	ug/l	99
16) Acetone	2.392	43	180034	266.324	ug/l	98
17) Carbon Disulfide	2.508	76	120179	44.867	ug/l	98
18) Methyl Acetate	2.709	43	80903	47.707	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	208185	52.841	ug/l	99
20) Methylene Chloride	2.788	84	60986	48.930	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	56286	51.356	ug/l	97
22) Diisopropyl ether	3.763	45	189755	52.145	ug/l	93
23) Vinyl Acetate	3.721	43	777057m	189.026	ug/l	
24) 1,1-Dichloroethane	3.605	63	109905	51.842	ug/l	100
25) 2-Butanone	4.562	43	242085	261.182	ug/l	99
26) 2,2-Dichloropropane	4.471	77	105980	52.542	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	70692	51.719	ug/l	100
28) Bromochloromethane	4.897	49	38373	45.880	ug/l	99
29) Tetrahydrofuran	5.007	42	149608	253.373	ug/l	99
30) Chloroform	5.092	83	118574	50.931	ug/l	99
31) Cyclohexane	5.464	56	88399	50.610	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	109715	51.308	ug/l	99
36) 1,1-Dichloropropene	5.690	75	76654	50.183	ug/l	99
37) Ethyl Acetate	4.715	43	92737	50.556	ug/l	99
38) Carbon Tetrachloride	5.672	117	90287	49.930	ug/l	99
39) Methylcyclohexane	7.379	83	97017	50.500	ug/l	96
40) Benzene	6.037	78	234285	50.589	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50361	52.742	ug/l	98
42) 1,2-Dichloroethane	6.086	62	97993	51.925	ug/l	100
43) Isopropyl Acetate	6.342	43	154591	51.024	ug/l	100
44) Trichloroethene	7.123	130	60841	49.530	ug/l	96
45) 1,2-Dichloropropane	7.427	63	57870	50.919	ug/l	100
46) Dibromomethane	7.580	93	46481	51.038	ug/l	99
47) Bromodichloromethane	7.818	83	90386	50.481	ug/l	100
48) Methyl methacrylate	7.696	41	75501	50.788	ug/l	99
49) 1,4-Dioxane	7.665	88	25646m	887.476	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	461325	250.701	ug/l	99
52) Toluene	8.714	92	146464	50.461	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	93204	52.385	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	99086	51.925	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	58381	50.612	ug/l	98
56) Ethyl methacrylate	9.116	69	99604	52.815	ug/l	99
57) 1,3-Dichloropropane	9.305	76	100386	51.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	220463	259.348	ug/l	100
59) 2-Hexanone	9.433	43	354486	254.743	ug/l	99
60) Dibromochloromethane	9.518	129	65923	49.262	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62819	50.687	ug/l	99
64) Tetrachloroethene	9.269	164	53005	51.181	ug/l	94
65) Chlorobenzene	10.079	112	159485	49.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57889	51.020	ug/l	99
67) Ethyl Benzene	10.189	91	282494	50.934	ug/l	100
68) m/p-Xylenes	10.299	106	208738	99.589	ug/l	98
69) o-Xylene	10.640	106	103300	49.597	ug/l	99
70) Styrene	10.652	104	172193	51.014	ug/l	99
71) Bromoform	10.799	173	42836	49.284	ug/l #	99
73) Isopropylbenzene	10.963	105	269354	49.508	ug/l	99
74) N-amyl acetate	10.841	43	128788	49.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	87826	49.552	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75259m	48.485	ug/l	
77) Bromobenzene	11.195	156	64460	48.685	ug/l	99
78) n-propylbenzene	11.305	91	304938	51.055	ug/l	100
79) 2-Chlorotoluene	11.366	91	187553	48.844	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	225327	50.206	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	29163	48.692	ug/l	95
82) 4-Chlorotoluene	11.451	91	214758	49.096	ug/l	100
83) tert-Butylbenzene	11.713	119	226014	48.881	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	225312	49.895	ug/l	99
85) sec-Butylbenzene	11.890	105	273231	49.848	ug/l	99
86) p-Isopropyltoluene	12.006	119	230687	50.445	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115669	49.593	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114750	47.721	ug/l	98
89) n-Butylbenzene	12.329	91	197691	51.636	ug/l	99
90) Hexachloroethane	12.536	117	41186	48.022	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	114698	48.087	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20568	47.530	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	68914	50.116	ug/l	99
94) Hexachlorobutadiene	13.725	225	28217	51.763	ug/l	99
95) Naphthalene	13.774	128	251674	49.786	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71496	50.393	ug/l	99

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

