

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
 Data File : VX043367.D
 Acq On : 11 Oct 2024 16:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 14 02:48:24 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	5.544	168	94893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	163290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82999	53.556	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.120%			
35) Dibromofluoromethane	5.379	113	60234	53.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	8.641	98	196434	50.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	74547	52.581	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58455	52.959	ug/l	97
3) Chloromethane	1.294	50	57233	50.346	ug/l	98
4) Vinyl Chloride	1.374	62	60105	52.785	ug/l	99
5) Bromomethane	1.599	94	24413	52.478	ug/l	99
6) Chloroethane	1.666	64	24429	57.611	ug/l	99
7) Trichlorofluoromethane	1.873	101	96404	56.664	ug/l	100
8) Diethyl Ether	2.136	74	36063	54.469	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	57503	54.161	ug/l	98
10) Methyl Iodide	2.447	142	71042	53.274	ug/l	99
11) Tert butyl alcohol	2.995	59	82493	279.724	ug/l	100
12) 1,1-Dichloroethene	2.312	96	53772	51.002	ug/l	98
13) Acrolein	2.239	56	60589	217.523	ug/l	99
14) Allyl chloride	2.654	41	91689	52.935	ug/l	98
15) Acrylonitrile	3.062	53	158981	264.006	ug/l	99
16) Acetone	2.386	43	169874	262.480	ug/l	99
17) Carbon Disulfide	2.501	76	118722	46.296	ug/l	99
18) Methyl Acetate	2.703	43	79373	48.889	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	206304	54.694	ug/l	98
20) Methylene Chloride	2.788	84	60073	50.343	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	56068	53.435	ug/l	94
22) Diisopropyl ether	3.757	45	189368	54.355	ug/l	98
23) Vinyl Acetate	3.715	43	875094	219.603	ug/l	99
24) 1,1-Dichloroethane	3.605	63	110642	54.513	ug/l	100
25) 2-Butanone	4.556	43	238690	268.982	ug/l	99
26) 2,2-Dichloropropane	4.464	77	102887	53.279	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	69976	53.474	ug/l	99
28) Bromochloromethane	4.891	49	36106	45.091	ug/l	99
29) Tetrahydrofuran	5.001	42	147712	261.298	ug/l	99
30) Chloroform	5.080	83	118763	53.283	ug/l	94
31) Cyclohexane	5.458	56	88449	52.893	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	106454	51.999	ug/l	98
36) 1,1-Dichloropropene	5.684	75	76200	53.562	ug/l	99
37) Ethyl Acetate	4.708	43	91505	53.561	ug/l	99
38) Carbon Tetrachloride	5.665	117	89736	53.283	ug/l	99
39) Methylcyclohexane	7.372	83	97909	54.720	ug/l	98
40) Benzene	6.031	78	230941	53.542	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49162	55.281	ug/l	98
42) 1,2-Dichloroethane	6.080	62	98406	55.987	ug/l	100
43) Isopropyl Acetate	6.336	43	151765	53.783	ug/l	99
44) Trichloroethene	7.116	130	59215	51.759	ug/l	92
45) 1,2-Dichloropropane	7.421	63	56563	53.437	ug/l	96
46) Dibromomethane	7.574	93	46265	54.544	ug/l	98
47) Bromodichloromethane	7.818	83	89266	53.530	ug/l	99
48) Methyl methacrylate	7.690	41	73191	52.862	ug/l	100
49) 1,4-Dioxane	7.659	88	27564	1024.144	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	455859	265.987	ug/l	99
52) Toluene	8.714	92	141497	52.343	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	90983	54.905	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	95787	53.895	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57217	53.258	ug/l	98
56) Ethyl methacrylate	9.116	69	95903	54.601	ug/l	100
57) 1,3-Dichloropropane	9.305	76	97286	53.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	208414	263.242	ug/l	99
59) 2-Hexanone	9.427	43	345172	266.330	ug/l	100
60) Dibromochloromethane	9.518	129	64529	51.774	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61674	53.431	ug/l	98
64) Tetrachloroethene	9.268	164	51322	53.028	ug/l	95
65) Chlorobenzene	10.073	112	155126	51.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55976	52.791	ug/l	99
67) Ethyl Benzene	10.189	91	272466	52.568	ug/l	99
68) m/p-Xylenes	10.299	106	203104	103.690	ug/l	99
69) o-Xylene	10.640	106	100036	51.395	ug/l	99
70) Styrene	10.652	104	168651	53.465	ug/l	99
71) Bromoform	10.799	173	42213	51.969	ug/l #	100
73) Isopropylbenzene	10.957	105	259445	50.854	ug/l	100
74) N-amyl acetate	10.841	43	125904	51.987	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	85001	51.144	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	75815m	52.088	ug/l	
77) Bromobenzene	11.195	156	62526	50.361	ug/l	99
78) n-propylbenzene	11.305	91	297243	53.073	ug/l	99
79) 2-Chlorotoluene	11.360	91	183162	50.869	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	217207	51.612	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28426	50.614	ug/l	96
82) 4-Chlorotoluene	11.451	91	211870	51.654	ug/l	100
83) tert-Butylbenzene	11.713	119	217499	50.164	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	219161	51.757	ug/l	98
85) sec-Butylbenzene	11.890	105	264141	51.391	ug/l	100
86) p-Isopropyltoluene	12.006	119	223913	52.216	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112321	51.357	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113186	50.197	ug/l	99
89) n-Butylbenzene	12.329	91	195599	54.483	ug/l	100
90) Hexachloroethane	12.536	117	40324	50.140	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	114428	51.160	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20142	49.637	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	68529	53.147	ug/l	98
94) Hexachlorobutadiene	13.725	225	27646	54.085	ug/l	98
95) Naphthalene	13.774	128	240233	50.680	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70023	52.634	ug/l	98

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

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