

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043345.D
 Acq On : 09 Oct 2024 17:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:35:09 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	97704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78972	49.492	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.980%		
35) Dibromofluoromethane	5.385	113	57239	48.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	191038	46.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.760%		
62) 4-Bromofluorobenzene	11.079	95	70601	47.684	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51536	45.347	ug/l	97
3) Chloromethane	1.294	50	49533	42.319	ug/l	99
4) Vinyl Chloride	1.374	62	52253	44.569	ug/l	99
5) Bromomethane	1.599	94	20520	42.840	ug/l	100
6) Chloroethane	1.666	64	20824	47.697	ug/l	98
7) Trichlorofluoromethane	1.874	101	86947	49.635	ug/l	99
8) Diethyl Ether	2.136	74	33055	48.490	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	53435	48.881	ug/l	99
10) Methyl Iodide	2.447	142	64229	46.779	ug/l	99
11) Tert butyl alcohol	2.995	59	82938m	273.142	ug/l	
12) 1,1-Dichloroethene	2.313	96	48296	44.491	ug/l	95
13) Acrolein	2.239	56	58152	202.767	ug/l	98
14) Allyl chloride	2.660	41	84237	47.233	ug/l	99
15) Acrylonitrile	3.068	53	158332	255.364	ug/l	100
16) Acetone	2.392	43	157676	236.623	ug/l	100
17) Carbon Disulfide	2.501	76	94458	35.775	ug/l	98
18) Methyl Acetate	2.709	43	98691	59.038	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	197194	50.775	ug/l	98
20) Methylene Chloride	2.788	84	57224	46.576	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	51497	47.666	ug/l	95
22) Diisopropyl ether	3.763	45	183803	51.240	ug/l	98
23) Vinyl Acetate	3.721	43	1096119	263.021	ug/l	100
24) 1,1-Dichloroethane	3.605	63	105418	50.445	ug/l	99
25) 2-Butanone	4.562	43	233334	255.381	ug/l	100
26) 2,2-Dichloropropane	4.471	77	100090	50.340	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	66357	49.249	ug/l	99
28) Bromochloromethane	4.904	49	36541	44.322	ug/l	97
29) Tetrahydrofuran	5.013	42	147283	253.043	ug/l	99
30) Chloroform	5.092	83	114979	50.102	ug/l	100
31) Cyclohexane	5.464	56	79870	46.388	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	106380	50.468	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71256	47.961	ug/l	99
37) Ethyl Acetate	4.721	43	89501	50.165	ug/l	99
38) Carbon Tetrachloride	5.672	117	85875	48.826	ug/l	100
39) Methylcyclohexane	7.379	83	87571	46.865	ug/l	95
40) Benzene	6.031	78	220356	48.920	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48421	52.137	ug/l	98
42) 1,2-Dichloroethane	6.086	62	94393	51.425	ug/l	100
43) Isopropyl Acetate	6.342	43	150376	51.029	ug/l	100
44) Trichloroethene	7.123	130	56409	47.214	ug/l	93
45) 1,2-Dichloropropane	7.427	63	55091	49.837	ug/l	98
46) Dibromomethane	7.580	93	44789	50.563	ug/l	98
47) Bromodichloromethane	7.818	83	87396	50.184	ug/l	98
48) Methyl methacrylate	7.696	41	73469	50.811	ug/l	99
49) 1,4-Dioxane	7.665	88	24402m	868.182	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	469659	262.409	ug/l	100
52) Toluene	8.714	92	136518	48.357	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	88920	51.383	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	93620	50.440	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	57019	50.821	ug/l	97
56) Ethyl methacrylate	9.116	69	97100	52.936	ug/l	100
57) 1,3-Dichloropropane	9.305	76	96434	50.465	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	232628	281.357	ug/l	100
59) 2-Hexanone	9.433	43	361494	267.087	ug/l	99
60) Dibromochloromethane	9.519	129	62807	48.254	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59887	49.681	ug/l	99
64) Tetrachloroethene	9.269	164	48856	49.157	ug/l	98
65) Chlorobenzene	10.079	112	150823	48.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55502	50.973	ug/l	99
67) Ethyl Benzene	10.195	91	263351	49.478	ug/l	99
68) m/p-Xylenes	10.299	106	197906	98.390	ug/l	99
69) o-Xylene	10.640	106	98637	49.349	ug/l	99
70) Styrene	10.652	104	165295	51.029	ug/l	100
71) Bromoform	10.799	173	41048	49.211	ug/l #	100
73) Isopropylbenzene	10.963	105	257623	49.160	ug/l	100
74) N-amyl acetate	10.841	43	125415	50.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	87545	51.280	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	73913m	49.437	ug/l	
77) Bromobenzene	11.195	156	61152	47.951	ug/l	100
78) n-propylbenzene	11.305	91	284275	49.414	ug/l	100
79) 2-Chlorotoluene	11.366	91	180403	48.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	213140	49.305	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28679	49.713	ug/l	97
82) 4-Chlorotoluene	11.451	91	204574	48.555	ug/l	100
83) tert-Butylbenzene	11.713	119	216966	48.717	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	214421	49.297	ug/l	99
85) sec-Butylbenzene	11.890	105	261895	49.605	ug/l	99
86) p-Isopropyltoluene	12.006	119	218708	49.652	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109415	48.704	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	110118	47.544	ug/l	98
89) n-Butylbenzene	12.329	91	188122	51.014	ug/l	99
90) Hexachloroethane	12.536	117	39498	47.813	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	111758	48.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20355	48.835	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	66340	50.087	ug/l	99
94) Hexachlorobutadiene	13.725	225	27329	52.050	ug/l	98
95) Naphthalene	13.774	128	235263	48.318	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67208	49.181	ug/l	99

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

