

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043244.D
 Acq On : 03 Oct 2024 08:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

Quant Time: Oct 04 01:23:19 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	122460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95829	47.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.840%		
35) Dibromofluoromethane	5.379	113	70232	48.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	8.647	98	245446	49.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	11.079	95	89940	49.807	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67014	47.046	ug/l	97
3) Chloromethane	1.295	50	63636	43.377	ug/l	98
4) Vinyl Chloride	1.374	62	67174	45.713	ug/l	97
5) Bromomethane	1.599	94	25811	42.993	ug/l	96
6) Chloroethane	1.666	64	24525	44.818	ug/l	95
7) Trichlorofluoromethane	1.874	101	99374	45.261	ug/l	98
8) Diethyl Ether	2.136	74	37946	44.412	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	63021	45.996	ug/l	100
10) Methyl Iodide	2.447	142	80754	46.925	ug/l	99
11) Tert butyl alcohol	2.995	59	91520	240.474	ug/l	99
12) 1,1-Dichloroethene	2.313	96	59649	43.841	ug/l	99
13) Acrolein	2.239	56	77383	215.277	ug/l	97
14) Allyl chloride	2.660	41	101829	45.555	ug/l	100
15) Acrylonitrile	3.069	53	175504	225.838	ug/l	99
16) Acetone	2.386	43	217371	260.262	ug/l	100
17) Carbon Disulfide	2.502	76	140668	42.506	ug/l	100
18) Methyl Acetate	2.703	43	102286	48.819	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	223380	45.890	ug/l	98
20) Methylene Chloride	2.782	84	67835	44.051	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	61006	45.053	ug/l	99
22) Diisopropyl ether	3.757	45	207266	46.100	ug/l	92
23) Vinyl Acetate	3.721	43	1263057	243.458	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121378	46.341	ug/l	100
25) 2-Butanone	4.556	43	270679	236.365	ug/l	100
26) 2,2-Dichloropropane	4.471	77	118564	47.576	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	76444	45.266	ug/l	99
28) Bromochloromethane	4.898	49	49305	47.714	ug/l	99
29) Tetrahydrofuran	5.001	42	160547	220.071	ug/l	100
30) Chloroform	5.087	83	128688	44.739	ug/l	100
31) Cyclohexane	5.458	56	94877	43.965	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	120357	45.556	ug/l	100
36) 1,1-Dichloropropene	5.684	75	84088	46.406	ug/l	99
37) Ethyl Acetate	4.715	43	100304	46.096	ug/l	99
38) Carbon Tetrachloride	5.666	117	101275	47.213	ug/l	99
39) Methylcyclohexane	7.373	83	106335	46.660	ug/l	96
40) Benzene	6.031	78	251159	45.717	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53965	47.643	ug/l	98
42) 1,2-Dichloroethane	6.080	62	105220	47.001	ug/l	100
43) Isopropyl Acetate	6.336	43	168663	46.928	ug/l	99
44) Trichloroethene	7.117	130	67533	46.346	ug/l	95
45) 1,2-Dichloropropane	7.428	63	63137	46.831	ug/l	96
46) Dibromomethane	7.580	93	50588	46.826	ug/l	100
47) Bromodichloromethane	7.818	83	102703	48.354	ug/l	99
48) Methyl methacrylate	7.690	41	83296	47.234	ug/l	99
49) 1,4-Dioxane	7.659	88	33014	963.068	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	503016	230.437	ug/l	98
52) Toluene	8.714	92	162527	47.203	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104188	49.364	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	108586	47.969	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	63620	46.494	ug/l	98
56) Ethyl methacrylate	9.116	69	108612	48.549	ug/l	100
57) 1,3-Dichloropropane	9.305	76	108621	46.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	263775	261.579	ug/l	100
59) 2-Hexanone	9.427	43	399742	242.161	ug/l	100
60) Dibromochloromethane	9.519	129	76592	48.249	ug/l	98
61) 1,2-Dibromoethane	9.604	107	68485	46.583	ug/l	99
64) Tetrachloroethene	9.269	164	59332	48.688	ug/l	95
65) Chlorobenzene	10.073	112	175375	46.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64841	48.567	ug/l	99
67) Ethyl Benzene	10.189	91	311394	47.715	ug/l	99
68) m/p-Xylenes	10.299	106	232461	94.255	ug/l	99
69) o-Xylene	10.640	106	114427	46.691	ug/l	100
70) Styrene	10.653	104	192491	48.465	ug/l	100
71) Bromoform	10.799	173	51816	50.664	ug/l #	100
73) Isopropylbenzene	10.957	105	299594	46.855	ug/l	99
74) N-amyl acetate	10.842	43	142040	46.796	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	96243	46.204	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84034m	46.066	ug/l	
77) Bromobenzene	11.195	156	71225	45.773	ug/l	99
78) n-propylbenzene	11.299	91	340382	48.492	ug/l	100
79) 2-Chlorotoluene	11.360	91	207250	45.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	250216	47.439	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	33259	47.251	ug/l	100
82) 4-Chlorotoluene	11.451	91	239258	46.542	ug/l	100
83) tert-Butylbenzene	11.713	119	251365	46.258	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	248377	46.801	ug/l	98
85) sec-Butylbenzene	11.890	105	307993	47.812	ug/l	99
86) p-Isopropyltoluene	12.006	119	261823	48.716	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	129968	47.415	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	127673	45.178	ug/l	99
89) n-Butylbenzene	12.329	91	227611	50.586	ug/l	100
90) Hexachloroethane	12.536	117	49593	49.203	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	129283	46.119	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23922	47.038	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	79924	49.456	ug/l	100
94) Hexachlorobutadiene	13.725	225	32290	50.403	ug/l	98
95) Naphthalene	13.774	128	275976	46.453	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	81559	48.914	ug/l	100

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

