

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043424.D
 Acq On : 18 Oct 2024 10:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 23:14:08 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	5.543	168	91659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	153375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75940	50.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.460%
35) Dibromofluoromethane	5.379	113	56437	53.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.720%
50) Toluene-d8	8.646	98	182645	49.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.079	95	70546	52.976	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	48027	45.046	ug/l	98
3) Chloromethane	1.294	50	47471	43.232	ug/l	98
4) Vinyl Chloride	1.373	62	49917	45.385	ug/l	97
5) Bromomethane	1.599	94	21774	48.456	ug/l	99
6) Chloroethane	1.666	64	19933	48.667	ug/l	95
7) Trichlorofluoromethane	1.873	101	82532	50.222	ug/l	98
8) Diethyl Ether	2.135	74	31276	48.906	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	50070	48.824	ug/l	98
10) Methyl Iodide	2.446	142	57158	44.375	ug/l	98
11) Tert butyl alcohol	2.995	59	75047	263.454	ug/l	99
12) 1,1-Dichloroethene	2.312	96	45522	44.701	ug/l	97
13) Acrolein	2.239	56	60214	223.804	ug/l	99
14) Allyl chloride	2.660	41	82071	49.054	ug/l	99
15) Acrylonitrile	3.068	53	139581	239.969	ug/l	100
16) Acetone	2.385	43	169116	270.529	ug/l	99
17) Carbon Disulfide	2.501	76	98146	39.623	ug/l	97
18) Methyl Acetate	2.702	43	75590	48.201	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	182842	50.184	ug/l	99
20) Methylene Chloride	2.782	84	53130	46.095	ug/l	96
21) trans-1,2-Dichloroethene	3.086	96	48360	47.715	ug/l	94
22) Diisopropyl ether	3.763	45	169476	50.362	ug/l	89
23) Vinyl Acetate	3.720	43	765408	200.378	ug/l	100
24) 1,1-Dichloroethane	3.605	63	96982	49.469	ug/l	100
25) 2-Butanone	4.562	43	217369	253.598	ug/l	99
26) 2,2-Dichloropropane	4.470	77	93719	50.244	ug/l	100
27) cis-1,2-Dichloroethene	4.482	96	60246	47.663	ug/l	98
28) Bromochloromethane	4.891	49	37195	48.090	ug/l	99
29) Tetrahydrofuran	5.001	42	129207	236.627	ug/l	99
30) Chloroform	5.086	83	105458	48.983	ug/l	99
31) Cyclohexane	5.464	56	77018	47.682	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	95171	48.128	ug/l	99
36) 1,1-Dichloropropene	5.683	75	66842	50.022	ug/l	98
37) Ethyl Acetate	4.714	43	81773	50.959	ug/l	99
38) Carbon Tetrachloride	5.671	117	79673	50.366	ug/l	98
39) Methylcyclohexane	7.372	83	84187	50.093	ug/l	94
40) Benzene	6.031	78	200995	49.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	45893	54.941	ug/l	98
42) 1,2-Dichloroethane	6.080	62	86577	52.441	ug/l	100
43) Isopropyl Acetate	6.336	43	136448	51.480	ug/l	100
44) Trichloroethene	7.116	130	51923	48.319	ug/l	94
45) 1,2-Dichloropropane	7.427	63	50701	50.995	ug/l	96
46) Dibromomethane	7.573	93	40591	50.949	ug/l	100
47) Bromodichloromethane	7.817	83	78891	50.367	ug/l	98
48) Methyl methacrylate	7.689	41	66245	50.939	ug/l	98
49) 1,4-Dioxane	7.665	88	24043	951.070	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	411053	255.348	ug/l	99
52) Toluene	8.713	92	126760	49.922	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	82342	52.903	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	86791	51.990	ug/l	96
55) 1,1,2-Trichloroethane	9.146	97	52024	51.555	ug/l	98
56) Ethyl methacrylate	9.116	69	85940	52.091	ug/l	99
57) 1,3-Dichloropropane	9.305	76	87950	51.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	198185	266.504	ug/l	100
59) 2-Hexanone	9.427	43	317176	260.549	ug/l	99
60) Dibromochloromethane	9.518	129	58940	50.347	ug/l	100
61) 1,2-Dibromoethane	9.610	107	55651	51.330	ug/l	98
64) Tetrachloroethene	9.268	164	44902	48.939	ug/l	93
65) Chlorobenzene	10.079	112	141648	49.827	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	51438	51.172	ug/l	99
67) Ethyl Benzene	10.189	91	243455	49.547	ug/l	98
68) m/p-Xylenes	10.299	106	183713	98.935	ug/l	100
69) o-Xylene	10.640	106	90317	48.947	ug/l	99
70) Styrene	10.652	104	153813	51.436	ug/l	99
71) Bromoform	10.798	173	38254	49.678	ug/l #	100
73) Isopropylbenzene	10.963	105	236072	47.320	ug/l	100
74) N-amyl acetate	10.841	43	113551	47.947	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79046	48.637	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	67724m	47.582	ug/l	
77) Bromobenzene	11.195	156	56659	46.668	ug/l	98
78) n-propylbenzene	11.304	91	267560	48.854	ug/l	100
79) 2-Chlorotoluene	11.365	91	166468	47.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	196599	47.772	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	26787	48.775	ug/l	98
82) 4-Chlorotoluene	11.451	91	193947	48.354	ug/l	100
83) tert-Butylbenzene	11.713	119	198293	46.769	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	201152	48.579	ug/l	100
85) sec-Butylbenzene	11.890	105	243881	48.523	ug/l	99
86) p-Isopropyltoluene	12.006	119	204620	48.797	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	104640	48.928	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	104985	47.614	ug/l	99
89) n-Butylbenzene	12.329	91	180199	51.330	ug/l	99
90) Hexachloroethane	12.536	117	36949	46.983	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	104356	47.713	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	18651	47.003	ug/l	98
93) 1,2,4-Trichlorobenzene	13.584	180	63916	50.691	ug/l	99
94) Hexachlorobutadiene	13.725	225	25285	50.585	ug/l	98
95) Naphthalene	13.773	128	223102	48.131	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	64438	49.531	ug/l	98

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

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