

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035650.D
 Acq On : 12 May 2023 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 02:04:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	139823	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	293987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172527	70.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	141.460%#
35) Dibromofluoromethane	5.385	113	114786	57.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.800%
50) Toluene-d8	8.647	98	393377	53.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.420%
62) 4-Bromofluorobenzene	11.079	95	167256	56.714	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	69909	38.364	ug/l	99
3) Chloromethane	1.294	50	119111	53.862	ug/l	99
4) Vinyl Chloride	1.374	62	97703	52.060	ug/l	98
5) Bromomethane	1.617	94	67041	65.958	ug/l	96
6) Chloroethane	1.691	64	66303	58.236	ug/l	97
7) Trichlorofluoromethane	1.886	101	120674	43.731	ug/l	98
8) Diethyl Ether	2.130	74	74098	69.741	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	64121	39.137	ug/l	96
10) Methyl Iodide	2.453	142	103943	70.936	ug/l	91
11) Tert butyl alcohol	3.020	59	165320	384.151	ug/l	# 93
12) 1,1-Dichloroethene	2.318	96	81484	52.330	ug/l	88
13) Acrolein	2.239	56	167471	327.877	ug/l	99
14) Allyl chloride	2.666	41	208107	62.385	ug/l	94
15) Acrylonitrile	3.068	53	368514	388.873	ug/l	99
16) Acetone	2.398	43	356423	339.972	ug/l	91
17) Carbon Disulfide	2.514	76	189980	50.554	ug/l	100
18) Methyl Acetate	2.709	43	297822	77.027	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	431185	69.588	ug/l	98
20) Methylene Chloride	2.788	84	123548	65.024	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	101581	59.536	ug/l	96
22) Diisopropyl ether	3.763	45	440225	67.401	ug/l	89
23) Vinyl Acetate	3.721	43	1666231	360.546	ug/l	98
24) 1,1-Dichloroethane	3.611	63	222849	63.797	ug/l	98
25) 2-Butanone	4.568	43	547568	377.296	ug/l	100
26) 2,2-Dichloropropane	4.477	77	148765	50.291	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	131866	64.290	ug/l	97
28) Bromochloromethane	4.897	49	111172	70.757	ug/l	97
29) Tetrahydrofuran	5.013	42	349686	383.348	ug/l	98
30) Chloroform	5.092	83	234695	65.567	ug/l	99
31) Cyclohexane	5.470	56	124435	40.377	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	176555	56.690	ug/l	99
36) 1,1-Dichloropropene	5.690	75	139110	44.451	ug/l	98
37) Ethyl Acetate	4.714	43	209807	64.275	ug/l	100
38) Carbon Tetrachloride	5.678	117	130243	43.933	ug/l	99
39) Methylcyclohexane	7.379	83	112245	30.469	ug/l	91
40) Benzene	6.037	78	469700	53.650	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	120835	62.348	ug/l	97
42) 1,2-Dichloroethane	6.086	62	220831	58.637	ug/l	97
43) Isopropyl Acetate	6.342	43	357642	62.833	ug/l	99
44) Trichloroethene	7.129	130	110557	49.803	ug/l	93
45) 1,2-Dichloropropane	7.433	63	130891	56.450	ug/l	99
46) Dibromomethane	7.580	93	94359	59.451	ug/l	95
47) Bromodichloromethane	7.824	83	179376	58.471	ug/l	99
48) Methyl methacrylate	7.689	41	176857	62.959	ug/l	96
49) 1,4-Dioxane	7.720	88	69836	1258.533	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1074342	327.623	ug/l	99
52) Toluene	8.720	92	287931	52.101	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	197886	59.373	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	210055	58.823	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	130693	60.211	ug/l	99
56) Ethyl methacrylate	9.116	69	218989	62.300	ug/l	96
57) 1,3-Dichloropropane	9.311	76	231493	58.831	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	565335	316.151	ug/l	98
59) 2-Hexanone	9.433	43	819146	331.698	ug/l	98
60) Dibromochloromethane	9.525	129	126011	60.903	ug/l	99
61) 1,2-Dibromoethane	9.610	107	138025	60.354	ug/l	99
64) Tetrachloroethene	9.275	164	78564	43.085	ug/l	93
65) Chlorobenzene	10.079	112	309732	52.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	117523	56.216	ug/l	99
67) Ethyl Benzene	10.195	91	552330	49.673	ug/l	98
68) m/p-Xylenes	10.305	106	410188	99.799	ug/l	95
69) o-Xylene	10.640	106	212216	52.033	ug/l	95
70) Styrene	10.652	104	357661	54.412	ug/l	97
71) Bromoform	10.799	173	81326	59.125	ug/l #	98
73) Isopropylbenzene	10.963	105	504201	47.709	ug/l	98
74) N-amyl acetate	10.841	43	298441	60.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203927	59.484	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	176748m	57.615	ug/l	
77) Bromobenzene	11.201	156	129702	54.072	ug/l	92
78) n-propylbenzene	11.305	91	586426	47.205	ug/l	98
79) 2-Chlorotoluene	11.366	91	394017	50.659	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	440139	49.001	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	57748	60.668	ug/l	89
82) 4-Chlorotoluene	11.457	91	460055	51.360	ug/l	97
83) tert-Butylbenzene	11.713	119	416015	47.648	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	457983	50.780	ug/l	97
85) sec-Butylbenzene	11.890	105	472111	43.066	ug/l	98
86) p-Isopropyltoluene	12.012	119	406622	45.118	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	235841	51.757	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	236899	51.485	ug/l	98
89) n-Butylbenzene	12.335	91	343292	41.873	ug/l	98
90) Hexachloroethane	12.536	117	64505	47.222	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	238951	53.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49620	64.999	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	135689	50.502	ug/l	99
94) Hexachlorobutadiene	13.725	225	39280	36.833	ug/l	98
95) Naphthalene	13.774	128	533558	57.989	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	134362	50.848	ug/l	98

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

