

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022015.D
 Acq On : 14 May 2021 23:22
 Operator : JC/MD
 Sample : M2395-09MS
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW6E5MS

Quant Time: May 15 00:41:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 23:38:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	71704	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	64381	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29872	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	25347	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.672	69	20686	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.312	63	49593	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.464	46	64173	45.74	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.48%
24) Chloroform-d	5.068	84	47238	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.964	65	25280	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.982	84	104198	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	7.312	67	31476	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	8.653	98	98243	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloroprop...	8.951	79	12562	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	9.384	63	57258	45.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.18%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23179	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
66) 1,2-Dichlorobenzene-d4	12.323	152	30516	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	31804	4.93	ug/L	98
3) Chloromethane	1.288	50	30472	4.63	ug/L	100
5) Vinyl chloride	1.374	62	33611	4.77	ug/L	99
6) Bromomethane	1.617	94	14476	3.80	ug/L	100
8) Chloroethane	1.691	64	19319	4.55	ug/L	96
9) Trichlorofluoromethane	1.892	101	44190	4.79	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	26602	4.95	ug/L	99
12) 1,1-Dichloroethene	2.325	96	26832	5.20	ug/L	95
13) Acetone	2.392	43	40633	56.60	ug/L	99
14) Carbon disulfide	2.514	76	81000	4.84	ug/L	96
15) Methyl Acetate	2.709	43	10053	4.39	ug/L	97
16) Methylene chloride	2.794	84	27660	3.89	ug/L	96
17) Methyl tert-butyl Ether	3.117	73	66121	5.17	ug/L	99
18) trans-1,2-Dichloroethene	3.099	96	27872	5.00	ug/L	96
19) 1,1-Dichloroethane	3.611	63	49388	5.14	ug/L	97
21) 2-Butanone	4.568	43	73226	55.40	ug/L	96
22) cis-1,2-Dichloroethene	4.495	96	30627	5.08	ug/L	93
23) Bromochloromethane	4.910	128	11616	4.94	ug/L	97
25) Chloroform	5.105	83	53035	5.31	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	30788	5.29	ug/L	97
29) 1,1,1-Trichloroethane	5.391	97	44598	5.02	ug/L	98
30) Cyclohexane	5.476	56	47424	4.98	ug/L	97
31) Carbon tetrachloride	5.678	117	38234	5.08	ug/L	97
33) Benzene	6.043	78	113961	5.13	ug/L	100
34) Trichloroethene	7.135	95	30013	5.18	ug/L	94
35) Methylcyclohexane	7.385	83	46549	4.70	ug/L	99
37) 1,2-Dichloropropane	7.440	63	27964	5.17	ug/L	98
38) Bromodichloromethane	7.824	83	35040	5.06	ug/L	91
39) cis-1,3-Dichloropropene	8.372	75	41717	4.94	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	180300	53.60	ug/L	99
42) Toluene	8.720	91	124389	5.26	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	33887	4.86	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	19756	5.31	ug/L	96
47) Tetrachloroethene	9.275	164	29548	7.64	ug/L	98
48) 2-Hexanone	9.433	43	129154	54.99	ug/L	98
49) Dibromochloromethane	9.525	129	21746	5.00	ug/L	96
50) 1,2-Dibromoethane	9.616	107	17846	5.21	ug/L #	97
51) Chlorobenzene	10.085	112	75273	5.14	ug/L	98
52) Ethylbenzene	10.195	91	137103	5.20	ug/L	99
53) m,p-xylene	10.305	106	52955	5.22	ug/L	97
54) o-xylene	10.646	106	51661	5.27	ug/L	92
55) Styrene	10.658	104	82574	5.02	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	23857	5.46	ug/L	97
59) Bromoform	10.805	173	9973	4.88	ug/L	99
60) Isopropylbenzene	10.963	105	132754	5.21	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	16690	5.39	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	113562	5.31	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	117631	5.34	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	54905	5.25	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	53602	5.15	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	49220	5.14	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	3842	5.18	ug/L	91
69) 1,3,5-Trichlorobenzene	13.115	180	36079	4.84	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	32303	5.10	ug/L	96
71) Naphthalene	13.780	128	72101	5.28	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	28854	5.16	ug/L	99

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

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