

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022019.D
 Acq On : 15 May 2021 00:56
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005314

Quant Time: May 15 01:16:37 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	71000	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	65127	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30023	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26285	4.31	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery =	86.20%		
7) Chloroethane-d5	1.672	69	20419	4.18	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery =	83.60%		
11) 1,1-Dichloroethene-d2	2.313	63	49472	4.89	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery =	97.80%		
20) 2-Butanone-d5	4.477	46	62810	45.21	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery =	90.42%		
24) Chloroform-d	5.062	84	42870	4.09	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	81.80%		
26) 1,2-Dichloroethane-d4	5.958	65	24592	4.57	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	91.40%		
32) Benzene-d6	5.977	84	102404	4.74	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	94.80%		
36) 1,2-Dichloropropane-d6	7.312	67	31274	4.73	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery =	94.60%		
41) Toluene-d8	8.653	98	95808	4.89	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	97.80%		
43) trans-1,3-Dichloroprop...	8.952	79	12782	4.28	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery =	85.60%		
46) 2-Hexanone-d5	9.391	63	54838	43.16	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery =	86.32%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22083	4.32	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery =	86.40%		
66) 1,2-Dichlorobenzene-d4	12.323	152	30066	4.77	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery =	95.40%		
Target Compounds						
2) Dichlorodifluoromethane	1.166	85	31803	4.98	ug/L	98
3) Chloromethane	1.288	50	31147	4.78	ug/L	94
5) Vinyl chloride	1.374	62	33414	4.79	ug/L	98
6) Bromomethane	1.618	94	15471	4.10	ug/L	94
8) Chloroethane	1.691	64	19516	4.64	ug/L	99
9) Trichlorofluoromethane	1.892	101	44955	4.92	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	26902	5.06	ug/L	99
12) 1,1-Dichloroethene	2.325	96	25714	5.03	ug/L	97
13) Acetone	2.404	43	38727	54.48	ug/L	99
14) Carbon disulfide	2.514	76	80434	4.86	ug/L	99
15) Methyl Acetate	2.715	43	10413	4.59	ug/L	92
16) Methylene chloride	2.794	84	29820	4.24	ug/L	95
17) Methyl tert-butyl Ether	3.117	73	65011	5.13	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	28624	5.18	ug/L	98
19) 1,1-Dichloroethane	3.617	63	49219	5.17	ug/L	98
21) 2-Butanone	4.574	43	70850	54.14	ug/L	98
22) cis-1,2-Dichloroethene	4.495	96	30317	5.08	ug/L	86
23) Bromochloromethane	4.904	128	11904	5.12	ug/L	99
25) Chloroform	5.099	83	57008	5.76	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	29823	5.18	ug/L	96
29) 1,1,1-Trichloroethane	5.391	97	46340	5.16	ug/L	98
30) Cyclohexane	5.477	56	48198	5.00	ug/L	99
31) Carbon tetrachloride	5.684	117	37766	4.96	ug/L	99
33) Benzene	6.050	78	116088	5.16	ug/L	100
34) Trichloroethene	7.129	95	30143	5.15	ug/L	92
35) Methylcyclohexane	7.385	83	48945	4.89	ug/L	99
37) 1,2-Dichloropropane	7.440	63	27005	4.94	ug/L	97
38) Bromodichloromethane	7.824	83	34792	4.96	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	40624	4.76	ug/L	91
40) 4-Methyl-2-pentanone	8.580	43	176063	51.74	ug/L	99
42) Toluene	8.720	91	122886	5.14	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	33878	4.80	ug/L	94
45) 1,1,2-Trichloroethane	9.159	97	19699	5.24	ug/L	96
47) Tetrachloroethene	9.275	164	19267	4.93	ug/L	95
48) 2-Hexanone	9.433	43	124884	52.56	ug/L	98
49) Dibromochloromethane	9.525	129	21546	4.90	ug/L	98
50) 1,2-Dibromoethane	9.616	107	17236	4.97	ug/L #	96
51) Chlorobenzene	10.086	112	76934	5.19	ug/L	98
52) Ethylbenzene	10.195	91	136349	5.11	ug/L	99
53) m,p-xylene	10.305	106	51997	5.07	ug/L	95
54) o-xylene	10.646	106	50774	5.12	ug/L	90
55) Styrene	10.659	104	83302	5.01	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	22464	5.08	ug/L	99
59) Bromoform	10.805	173	9869	4.80	ug/L	100
60) Isopropylbenzene	10.963	105	134265	5.24	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	16723	5.38	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	113047	5.26	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	116161	5.25	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	54367	5.17	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	54542	5.22	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	50453	5.24	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	3869	5.19	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.116	180	38046	5.08	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	31506	4.95	ug/L	98
71) Naphthalene	13.780	128	71680	5.22	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	28061	5.00	ug/L	99

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

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