

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051721\
 Data File : VX022021.D
 Acq On : 17 May 2021 09:29
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005315

Quant Time: May 18 04:14:56 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	6.763	114	78446	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	71329	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33771	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	29988	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.672	69	23541	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.306	63	53743	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.471	46	69730	45.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.86%
24) Chloroform-d	5.062	84	52546	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.958	65	27096	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.976	84	112854	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	7.312	67	34488	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	8.653	98	106103	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloroprop...	8.952	79	14360	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	9.384	63	62009	44.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.12%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	25510	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
66) 1,2-Dichlorobenzene-d4	12.323	152	32832	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34957	4.95	ug/L	98
3) Chloromethane	1.288	50	34225	4.75	ug/L	100
5) Vinyl chloride	1.374	62	37820	4.90	ug/L	99
6) Bromomethane	1.611	94	18818	4.52	ug/L	100
8) Chloroethane	1.691	64	22035	4.75	ug/L	95
9) Trichlorofluoromethane	1.892	101	51872	5.14	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	29983	5.10	ug/L	99
12) 1,1-Dichloroethene	2.319	96	28713	5.08	ug/L	86
13) Acetone	2.410	43	43703	55.64	ug/L	100
14) Carbon disulfide	2.514	76	90292	4.93	ug/L	98
15) Methyl Acetate	2.715	43	11249	4.49	ug/L	99
16) Methylene chloride	2.794	84	31053	4.00	ug/L	98
17) Methyl tert-butyl Ether	3.117	73	71078	5.08	ug/L	98
18) trans-1,2-Dichloroethene	3.093	96	30572	5.01	ug/L	95
19) 1,1-Dichloroethane	3.611	63	53750	5.11	ug/L	99
21) 2-Butanone	4.574	43	79027	54.66	ug/L	99
22) cis-1,2-Dichloroethene	4.489	96	32482	4.93	ug/L	86
23) Bromochloromethane	4.904	128	12841	5.00	ug/L	99
25) Chloroform	5.099	83	56773	5.19	ug/L	97

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

27) 1,2-Dichloroethane	6.092	62	33436	5.25	ug/L #	92
29) 1,1,1-Trichloroethane	5.385	97	49121	4.99	ug/L	99
30) Cyclohexane	5.477	56	51990	4.93	ug/L	99
31) Carbon tetrachloride	5.678	117	41822	5.01	ug/L	97
33) Benzene	6.044	78	124111	5.04	ug/L	100
34) Trichloroethene	7.129	95	32377	5.05	ug/L	97
35) Methylcyclohexane	7.385	83	55252	5.04	ug/L	99
37) 1,2-Dichloropropane	7.434	63	30406	5.08	ug/L	97
38) Bromodichloromethane	7.824	83	39272	5.11	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	47348	5.06	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	194556	52.20	ug/L	100
42) Toluene	8.720	91	129926	4.96	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	40059	5.18	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	21385	5.19	ug/L	95
47) Tetrachloroethene	9.275	164	21550	5.03	ug/L	96
48) 2-Hexanone	9.433	43	136628	52.50	ug/L	99
49) Dibromochloromethane	9.525	129	22923	4.76	ug/L	95
50) 1,2-Dibromoethane	9.610	107	18785	4.95	ug/L	99
51) Chlorobenzene	10.079	112	81376	5.01	ug/L	95
52) Ethylbenzene	10.195	91	147753	5.05	ug/L	98
53) m,p-xylene	10.305	106	55655	4.95	ug/L	98
54) o-xylene	10.646	106	54627	5.03	ug/L	91
55) Styrene	10.659	104	90464	4.96	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	24966	5.16	ug/L	98
59) Bromoform	10.805	173	11811	5.11	ug/L	99
60) Isopropylbenzene	10.963	105	147511	5.12	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	18082	5.17	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	123085	5.10	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	129087	5.18	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	58529	4.95	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	58896	5.01	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	53323	4.93	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	4436	5.29	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	42390	5.03	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	37493	5.23	ug/L	94
71) Naphthalene	13.780	128	78685	5.10	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	32560	5.15	ug/L	96

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

