

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX021996.D
 Acq On : 14 May 2021 15:41
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005313

Quant Time: May 14 23:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 13 01:12:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	75260	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	67474	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31481	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27574	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.672	69	22268	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.313	63	51677	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.477	46	62562	42.48	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.96%
24) Chloroform-d	5.068	84	51300	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.964	65	25709	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.976	84	107749	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	7.312	67	32549	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	8.653	98	101194	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloroprop...	8.952	79	13288	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	9.384	63	54153	41.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.28%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22215	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
66) 1,2-Dichlorobenzene-d4	12.323	152	30741	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34244	5.06	ug/L	99
3) Chloromethane	1.288	50	32645	4.72	ug/L	97
5) Vinyl chloride	1.374	62	35217	4.76	ug/L	97
6) Bromomethane	1.617	94	15479	3.87	ug/L	92
8) Chloroethane	1.691	64	21120	4.74	ug/L	95
9) Trichlorofluoromethane	1.892	101	48291	4.98	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	29449	5.22	ug/L	99
12) 1,1-Dichloroethene	2.319	96	27431	5.06	ug/L #	78
13) Acetone	2.404	43	39864	52.91	ug/L	98
14) Carbon disulfide	2.514	76	86391	4.92	ug/L	100
15) Methyl Acetate	2.709	43	10959	4.56	ug/L	96
16) Methylene chloride	2.788	84	38975	5.23	ug/L	94
17) Methyl tert-butyl Ether	3.117	73	68127	5.08	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	28981	4.95	ug/L	92
19) 1,1-Dichloroethane	3.611	63	52546	5.21	ug/L	99
21) 2-Butanone	4.574	43	70331	50.70	ug/L	100
22) cis-1,2-Dichloroethene	4.495	96	32139	5.08	ug/L	98
23) Bromochloromethane	4.904	128	12388	5.02	ug/L	97
25) Chloroform	5.099	83	53182	5.07	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	31477	5.15	ug/L	96
29) 1,1,1-Trichloroethane	5.391	97	47313	5.08	ug/L	99
30) Cyclohexane	5.477	56	51060	5.12	ug/L	97
31) Carbon tetrachloride	5.678	117	40119	5.08	ug/L	97
33) Benzene	6.044	78	119496	5.13	ug/L	100
34) Trichloroethene	7.129	95	31706	5.23	ug/L	91
35) Methylcyclohexane	7.385	83	53214	5.13	ug/L	99
37) 1,2-Dichloropropane	7.434	63	28787	5.08	ug/L	99
38) Bromodichloromethane	7.824	83	36414	5.01	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	45105	5.10	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	179940	51.04	ug/L	100
42) Toluene	8.720	91	127519	5.15	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	37631	5.15	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	20113	5.16	ug/L	90
47) Tetrachloroethene	9.275	164	21138	5.22	ug/L	97
48) 2-Hexanone	9.433	43	127483	51.79	ug/L	99
49) Dibromochloromethane	9.525	129	22439	4.92	ug/L	96
50) 1,2-Dibromoethane	9.610	107	18578	5.17	ug/L	100
51) Chlorobenzene	10.079	112	80459	5.24	ug/L	97
52) Ethylbenzene	10.195	91	144546	5.23	ug/L	99
53) m,p-xylene	10.305	106	56493	5.31	ug/L	95
54) o-xylene	10.646	106	53025	5.16	ug/L	93
55) Styrene	10.659	104	88129	5.11	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	22993	5.02	ug/L	97
59) Bromoform	10.805	173	10853	5.03	ug/L	100
60) Isopropylbenzene	10.963	105	142267	5.30	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	17559	5.38	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	120988	5.37	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	123003	5.30	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	57172	5.19	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	57598	5.26	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	52324	5.19	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	3844	4.92	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.115	180	41448	5.28	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	35072	5.25	ug/L	95
71) Naphthalene	13.780	128	77366	5.37	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	30744	5.22	ug/L	99

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

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