

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051221\
 Data File : VX021922.D
 Acq On : 12 May 2021 09:56
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005311

Quant Time: May 13 01:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 06:12:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	82692	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	73345	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	35441	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	27133	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.672	69	23464	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.312	63	49150	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	4.464	46	80468	49.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	5.062	84	51431	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.958	65	27548	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.976	84	102941	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	7.311	67	33056	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	8.652	98	88871	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloroprop...	8.951	79	14465	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	9.384	63	68828	48.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.20%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	27099	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.323	152	30327	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	37955	5.10	ug/L	99
3) Chloromethane	1.288	50	36939	4.87	ug/L	98
5) Vinyl chloride	1.373	62	41073	5.05	ug/L	97
6) Bromomethane	1.617	94	21161	4.82	ug/L	98
8) Chloroethane	1.690	64	23999	4.90	ug/L	99
9) Trichlorofluoromethane	1.892	101	55160	5.18	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	33221	5.36	ug/L	100
12) 1,1-Dichloroethene	2.324	96	30986	5.20	ug/L	93
13) Acetone	2.398	43	44973	54.32	ug/L	100
14) Carbon disulfide	2.513	76	96799	5.02	ug/L	97
15) Methyl Acetate	2.708	43	12671	4.80	ug/L	100
16) Methylene chloride	2.794	84	32402	3.96	ug/L	98
17) Methyl tert-butyl Ether	3.117	73	76589	5.19	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	33388	5.19	ug/L	100
19) 1,1-Dichloroethane	3.611	63	58140	5.25	ug/L	98
21) 2-Butanone	4.568	43	81880	53.72	ug/L	97
22) cis-1,2-Dichloroethene	4.495	96	35289	5.08	ug/L	95
23) Bromochloromethane	4.903	128	13474	4.97	ug/L	96
25) Chloroform	5.098	83	61264	5.32	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	35719	5.32	ug/L	99
29) 1,1,1-Trichloroethane	5.391	97	53226	5.26	ug/L	99
30) Cyclohexane	5.470	56	57899	5.34	ug/L	98
31) Carbon tetrachloride	5.677	117	46649	5.44	ug/L	100
33) Benzene	6.043	78	135251	5.34	ug/L	100
34) Trichloroethene	7.122	95	34581	5.24	ug/L	94
35) Methylcyclohexane	7.384	83	60910	5.40	ug/L	98
37) 1,2-Dichloropropane	7.433	63	32839	5.33	ug/L	100
38) Bromodichloromethane	7.823	83	42273	5.35	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	52081	5.41	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	203976	53.22	ug/L	99
42) Toluene	8.720	91	143216	5.32	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	42713	5.38	ug/L	97
45) 1,1,2-Trichloroethane	9.152	97	22522	5.32	ug/L	93
47) Tetrachloroethene	9.274	164	24614	5.59	ug/L	99
48) 2-Hexanone	9.433	43	143807	53.74	ug/L	100
49) Dibromochloromethane	9.524	129	25951	5.24	ug/L	98
50) 1,2-Dibromoethane	9.610	107	21088	5.40	ug/L	96
51) Chlorobenzene	10.079	112	88613	5.31	ug/L	94
52) Ethylbenzene	10.195	91	162443	5.40	ug/L	99
53) m,p-xylene	10.305	106	62321	5.39	ug/L	100
54) o-xylene	10.646	106	59182	5.30	ug/L	94
55) Styrene	10.658	104	100048	5.34	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	26527	5.33	ug/L	94
59) Bromoform	10.805	173	12678	5.22	ug/L	99
60) Isopropylbenzene	10.963	105	158804	5.26	ug/L	100
61) 1,2,3-Trichloropropane	11.243	75	19080	5.20	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	136442	5.38	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	140204	5.36	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	65274	5.26	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	65291	5.29	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	58203	5.13	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.944	75	4539	5.16	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	47645	5.39	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	40825	5.43	ug/L	95
71) Naphthalene	13.780	128	85002	5.25	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	35126	5.30	ug/L	97

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

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