

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021920.D
 Acq On : 11 May 2021 23:44
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005310

Quant Time: May 12 06:28:37 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	6.769	114	72850	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66269	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26085	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.673	69	22696	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.313	63	46794	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.471	46	75705	53.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.22%
24) Chloroform-d	5.068	84	49927	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.964	65	25937	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.983	84	100371	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	7.312	67	32361	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	8.653	98	88015	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloroprop...	8.952	79	13223	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	9.385	63	64265	49.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.42%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	25329	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	29084	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	33028	5.04	ug/L	99
3) Chloromethane	1.288	50	32146	4.81	ug/L	97
5) Vinyl chloride	1.374	62	35781	4.99	ug/L	100
6) Bromomethane	1.618	94	17841	4.61	ug/L	97
8) Chloroethane	1.691	64	20916	4.85	ug/L	95
9) Trichlorofluoromethane	1.892	101	47282	5.04	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	27320	5.00	ug/L	100
12) 1,1-Dichloroethene	2.325	96	26506	5.05	ug/L	90
13) Acetone	2.398	43	38075	52.20	ug/L	99
14) Carbon disulfide	2.514	76	84410	4.97	ug/L	99
15) Methyl Acetate	2.715	43	10868	4.67	ug/L	98
16) Methylene chloride	2.794	84	29557	4.10	ug/L	94
17) Methyl tert-butyl Ether	3.117	73	66429	5.11	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	28896	5.10	ug/L	94
19) 1,1-Dichloroethane	3.617	63	49934	5.12	ug/L	97
21) 2-Butanone	4.574	43	70827	52.75	ug/L	97
22) cis-1,2-Dichloroethene	4.495	96	30935	5.06	ug/L	88
23) Bromochloromethane	4.910	128	12193	5.11	ug/L	95
25) Chloroform	5.099	83	52656	5.19	ug/L	94

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

27) 1,2-Dichloroethane	6.092	62	31019	5.25	ug/L #	93
29) 1,1,1-Trichloroethane	5.391	97	45843	5.01	ug/L	99
30) Cyclohexane	5.483	56	48791	4.98	ug/L	99
31) Carbon tetrachloride	5.684	117	39761	5.13	ug/L	100
33) Benzene	6.050	78	116760	5.10	ug/L	100
34) Trichloroethene	7.129	95	29469	4.95	ug/L	94
35) Methylcyclohexane	7.385	83	49696	4.87	ug/L	99
37) 1,2-Dichloropropane	7.434	63	28130	5.05	ug/L	100
38) Bromodichloromethane	7.824	83	35986	5.04	ug/L	94
39) cis-1,3-Dichloropropene	8.373	75	42954	4.94	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	177524	51.27	ug/L	99
42) Toluene	8.720	91	125709	5.17	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	35570	4.95	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	19515	5.10	ug/L	92
47) Tetrachloroethene	9.275	164	21305	5.35	ug/L	97
48) 2-Hexanone	9.433	43	125950	52.10	ug/L	99
49) Dibromochloromethane	9.525	129	22186	4.96	ug/L	98
50) 1,2-Dibromoethane	9.616	107	18203	5.16	ug/L #	97
51) Chlorobenzene	10.086	112	77352	5.13	ug/L	98
52) Ethylbenzene	10.195	91	139201	5.13	ug/L	100
53) m,p-xylene	10.305	106	53740	5.15	ug/L	100
54) o-xylene	10.647	106	51526	5.11	ug/L	99
55) Styrene	10.659	104	85911	5.07	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	22827	5.08	ug/L	99
59) Bromoform	10.805	173	10439	4.87	ug/L	100
60) Isopropylbenzene	10.964	105	135145	5.06	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	16527	5.09	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	115885	5.17	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	118780	5.14	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	55828	5.09	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	54887	5.03	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	51811	5.16	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	4208	5.41	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	39163	5.01	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	34819	5.24	ug/L	95
71) Naphthalene	13.780	128	73788	5.15	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	29907	5.10	ug/L	99

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

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