

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021889.D
 Acq On : 11 May 2021 09:51
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005308

Quant Time: May 12 03:34:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 02:59:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	86281	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	76537	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	36880	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	35313	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.672	69	27534	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.313	63	60405	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.471	46	82617	48.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	5.068	84	58287	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.958	65	30527	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.983	84	121153	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	7.312	67	37289	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	8.653	98	109835	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.952	79	16305	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	9.384	63	71518	47.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.80%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	28284	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.323	152	37170	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41035	5.28	ug/L	99
3) Chloromethane	1.288	50	41215	5.20	ug/L	98
5) Vinyl chloride	1.374	62	45491	5.36	ug/L	98
6) Bromomethane	1.618	94	25308	5.52	ug/L	99
8) Chloroethane	1.691	64	27176	5.32	ug/L	93
9) Trichlorofluoromethane	1.892	101	60747	5.47	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	34513	5.34	ug/L	99
12) 1,1-Dichloroethene	2.319	96	33211	5.35	ug/L #	74
13) Acetone	2.404	43	46410	53.73	ug/L	99
14) Carbon disulfide	2.514	76	107435	5.34	ug/L	98
15) Methyl Acetate	2.715	43	13294	4.82	ug/L	98
16) Methylene chloride	2.794	84	36209	4.24	ug/L	97
17) Methyl tert-butyl Ether	3.117	73	81799	5.32	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	35060	5.22	ug/L	99
19) 1,1-Dichloroethane	3.611	63	60997	5.28	ug/L	98
21) 2-Butanone	4.574	43	83553	52.54	ug/L	99
22) cis-1,2-Dichloroethene	4.495	96	37847	5.22	ug/L	98
23) Bromochloromethane	4.904	128	14962	5.29	ug/L	98
25) Chloroform	5.099	83	63800	5.30	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	36594	5.23	ug/L	97
29) 1,1,1-Trichloroethane	5.391	97	56661	5.36	ug/L	100
30) Cyclohexane	5.471	56	60757	5.37	ug/L	98
31) Carbon tetrachloride	5.684	117	48597	5.43	ug/L	96
33) Benzene	6.044	78	140860	5.33	ug/L	100
34) Trichloroethene	7.129	95	37703	5.48	ug/L	93
35) Methylcyclohexane	7.385	83	64180	5.45	ug/L	98
37) 1,2-Dichloropropane	7.434	63	34808	5.42	ug/L	98
38) Bromodichloromethane	7.824	83	44444	5.39	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	55410	5.52	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	216821	54.22	ug/L	100
42) Toluene	8.720	91	153702	5.47	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	44971	5.42	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	24164	5.47	ug/L	95
47) Tetrachloroethene	9.275	164	24912	5.42	ug/L	90
48) 2-Hexanone	9.433	43	152519	54.62	ug/L	99
49) Dibromochloromethane	9.525	129	27911	5.40	ug/L	97
50) 1,2-Dibromoethane	9.610	107	22578	5.54	ug/L #	97
51) Chlorobenzene	10.079	112	95884	5.50	ug/L	95
52) Ethylbenzene	10.195	91	171704	5.47	ug/L	100
53) m,p-xylene	10.305	106	66117	5.48	ug/L	99
54) o-xylene	10.646	106	64866	5.57	ug/L	98
55) Styrene	10.659	104	107486	5.50	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	28516	5.49	ug/L	99
59) Bromoform	10.805	173	14191	5.62	ug/L	98
60) Isopropylbenzene	10.963	105	168079	5.35	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	20585	5.39	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	143445	5.44	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	146071	5.37	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	70369	5.45	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	69262	5.40	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	63819	5.40	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	4944	5.40	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	50770	5.52	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	42826	5.48	ug/L	97
71) Naphthalene	13.780	128	91560	5.43	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	37812	5.48	ug/L	98

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

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