

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031821\
 Data File : VX021280.D
 Acq On : 18 Mar 2021 14:52
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005309

Quant Time: Mar 19 01:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	59294	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	55704	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	27454	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	18023	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.693	69	14107	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.340	63	42522	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.523	46	49638	48.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	5.141	84	40260	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	6.029	65	22143	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	6.041	84	73039	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	7.365	67	22743	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	8.694	98	69902	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloroprop...	8.994	79	9696	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	9.424	63	40013	48.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.96%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	16887	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
66) 1,2-Dichlorobenzene-d4	12.359	152	24128	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.181	85	35766	5.16	ug/L	99
3) Chloromethane	1.311	50	33003	4.81	ug/L	99
5) Vinyl chloride	1.393	62	26613	4.97	ug/L	99
6) Bromomethane	1.629	94	10643	4.86	ug/L	100
8) Chloroethane	1.711	64	15158	4.99	ug/L	96
9) Trichlorofluoromethane	1.917	101	40663	5.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	23405	5.15	ug/L	94
12) 1,1-Dichloroethene	2.352	96	21367	5.11	ug/L	82
13) Acetone	2.417	43	36384	50.95	ug/L	86
14) Carbon disulfide	2.546	76	69133	4.95	ug/L	100
15) Methyl Acetate	2.746	43	9251	4.69	ug/L #	90
16) Methylene chloride	2.829	84	25061	4.74	ug/L	87
17) Methyl tert-butyl Ether	3.164	73	53940	5.08	ug/L #	92
18) trans-1,2-Dichloroethene	3.140	96	22522	5.06	ug/L	91
19) 1,1-Dichloroethane	3.664	63	42442	5.13	ug/L	98
21) 2-Butanone	4.629	43	58853	50.29	ug/L	91
22) cis-1,2-Dichloroethene	4.558	96	23818	5.00	ug/L	90
23) Bromochloromethane	4.970	128	10357	5.38	ug/L	84
25) Chloroform	5.170	83	44342	5.09	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	30299	5.10	ug/L #	93
29) 1,1,1-Trichloroethane	5.458	97	40373	4.98	ug/L	96
30) Cyclohexane	5.547	56	40640	4.95	ug/L	94
31) Carbon tetrachloride	5.753	117	35666	4.97	ug/L	98
33) Benzene	6.111	78	92660	5.05	ug/L	100
34) Trichloroethene	7.182	95	25277	5.02	ug/L	93
35) Methylcyclohexane	7.435	83	40701	5.04	ug/L	95
37) 1,2-Dichloropropane	7.488	63	23258	5.00	ug/L	97
38) Bromodichloromethane	7.876	83	32338	5.07	ug/L	97
39) cis-1,3-Dichloropropene	8.412	75	35103	4.96	ug/L	97
40) 4-Methyl-2-pentanone	8.618	43	150860	50.98	ug/L #	89
42) Toluene	8.765	91	99850	5.12	ug/L	93
44) trans-1,3-Dichloropropene	9.024	75	29905	5.00	ug/L	96
45) 1,1,2-Trichloroethane	9.194	97	16397	5.26	ug/L	97
47) Tetrachloroethene	9.318	164	18396	4.95	ug/L	96
48) 2-Hexanone	9.471	43	108244	50.68	ug/L #	87
49) Dibromochloromethane	9.565	129	20133	5.02	ug/L	98
50) 1,2-Dibromoethane	9.653	107	15317	5.06	ug/L	98
51) Chlorobenzene	10.118	112	62593	5.09	ug/L	95
52) Ethylbenzene	10.236	91	111693	4.97	ug/L	99
53) m,p-xylene	10.341	106	41955	5.05	ug/L	92
54) o-xylene	10.683	106	39755	5.07	ug/L	93
55) Styrene	10.694	104	68734	5.11	ug/L	89
57) 1,1,2,2-Tetrachloroethane	11.253	83	19302	5.10	ug/L	97
59) Bromoform	10.836	173	10342	4.89	ug/L	97
60) Isopropylbenzene	11.000	105	110843	5.25	ug/L	98
61) 1,2,3-Trichloropropane	11.277	75	14749	5.09	ug/L	97
62) 1,3,5-Trimethylbenzene	11.489	105	95143	5.25	ug/L	97
63) 1,2,4-Trimethylbenzene	11.789	105	95040	5.21	ug/L	97
64) 1,3-Dichlorobenzene	12.006	146	46934	4.95	ug/L	93
65) 1,4-Dichlorobenzene	12.083	146	46901	4.92	ug/L	97
67) 1,2-Dichlorobenzene	12.377	146	44115	5.19	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.983	75	3666	5.11	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.154	180	37109	5.24	ug/L	97
70) 1,2,4-trichlorobenzene	13.630	180	31902	5.27	ug/L	96
71) Naphthalene	13.818	128	56665	5.18	ug/L	98
72) 1,2,3-Trichlorobenzene	14.001	180	27966	5.27	ug/L	96

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

