

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122920\
 Data File : VV019861.D
 Acq On : 29 Dec 2020 13:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

Quant Time: Dec 30 04:41:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 12:51:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	303187	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	284669	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	140975	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105188	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.57	69	87393	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.11	63	215306	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	3.94	46	232415	50.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.98%
24) Chloroform-d	4.35	84	196734	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.04	65	98685	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.05	84	382336	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.08	67	115953	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.32	98	334103	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.63	79	39951	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.10	63	172550	52.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.94%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	72312	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
66) 1,2-Dichlorobenzene-d4	11.63	152	105776	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	129670	4.471 ug/L	97
3) Chloromethane	1.24	50	155594	4.852 ug/L	99
5) Vinyl chloride	1.31	62	145488	4.624 ug/L	100
6) Bromomethane	1.52	94	86550	4.699 ug/L	99
8) Chloroethane	1.58	64	89117	4.634 ug/L	98
9) Trichlorofluoromethane	1.75	101	175897	4.603 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	92735	4.511 ug/L	100
12) 1,1-Dichloroethene	2.12	96	96851	4.610 ug/L	96
13) Acetone	2.25	43	172065	49.848 ug/L	93
14) Carbon disulfide	2.29	76	338719	4.656 ug/L	99
15) Methyl Acetate	2.45	43	48781	5.658 ug/L #	83
16) Methylene chloride	2.51	84	116904	4.570 ug/L	98
17) Methyl tert-butyl Ether	2.78	73	254170	4.837 ug/L	99
18) trans-1,2-Dichloroethene	2.76	96	111878	4.715 ug/L	98
19) 1,1-Dichloroethane	3.19	63	219214	4.773 ug/L	99
21) 2-Butanone	4.01	43	268049	46.157 ug/L	97
22) cis-1,2-Dichloroethene	3.92	96	116529	4.724 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	48797	4.962	ug/L	98
25) Chloroform	4.38	83	221749	4.853	ug/L	97
27) 1,2-Dichloroethane	5.14	62	135992	4.886	ug/L	98
29) 1,1,1-Trichloroethane	4.61	97	184407	4.750	ug/L	99
30) Cyclohexane	4.68	56	180358	4.618	ug/L	99
31) Carbon tetrachloride	4.83	117	148028	4.668	ug/L	100
33) Benzene	5.10	78	465942	4.888	ug/L	100
34) Trichloroethene	5.92	95	117426	4.612	ug/L	98
35) Methylcyclohexane	6.14	83	175676	4.612	ug/L	98
37) 1,2-Dichloropropane	6.18	63	118054	4.940	ug/L	100
38) Bromodichloromethane	6.51	83	142228	4.825	ug/L	98
39) cis-1,3-Dichloropropene	7.03	75	160916	4.906	ug/L	100
40) 4-Methyl-2-pentanone	7.23	43	693651	51.393	ug/L	99
42) Toluene	7.39	91	467776	4.833	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	131952	4.911	ug/L	93
45) 1,1,2-Trichloroethane	7.85	97	76169	4.928	ug/L	99
47) Tetrachloroethene	7.98	164	76694	4.434	ug/L	98
48) 2-Hexanone	8.15	43	484048	51.741	ug/L	99
49) Dibromochloromethane	8.25	129	82216	4.917	ug/L	100
50) 1,2-Dibromoethane	8.36	107	70216	5.002	ug/L	100
51) Chlorobenzene	8.89	112	287785	4.701	ug/L	98
52) Ethylbenzene	9.02	91	508277	4.739	ug/L	99
53) m,p-xylene	9.14	106	186990	4.770	ug/L	98
54) o-xylene	9.55	106	182118	4.846	ug/L	99
55) Styrene	9.57	104	310244	4.885	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.25	83	83147	5.082	ug/L	98
59) Bromoform	9.74	173	37467	4.899	ug/L	100
60) Isopropylbenzene	9.94	105	484000	4.716	ug/L	100
61) 1,2,3-Trichloropropane	10.28	75	67237	4.933	ug/L	98
62) 1,3,5-Trimethylbenzene	10.54	105	401785	4.736	ug/L	100
63) 1,2,4-Trimethylbenzene	10.92	105	412424	4.772	ug/L	100
64) 1,3-Dichlorobenzene	11.19	146	213120	4.729	ug/L	98
65) 1,4-Dichlorobenzene	11.28	146	211938	4.688	ug/L	98
67) 1,2-Dichlorobenzene	11.65	146	195349	4.714	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.44	75	13297	4.731	ug/L	94
69) 1,3,5-Trichlorobenzene	12.65	180	154462	4.625	ug/L	100
70) 1,2,4-trichlorobenzene	13.27	180	130244	4.796	ug/L	100
71) Naphthalene	13.51	128	214523	5.221	ug/L	100
72) 1,2,3-Trichlorobenzene	13.75	180	114878	4.970	ug/L	98

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

