

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122920\
 Data File : VV019869.D
 Acq On : 29 Dec 2020 18:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Dec 30 04:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 30 04:48:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	268876	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	252066	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	125025	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	92216	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.56	69	78933	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.11	63	197504	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	3.94	46	213411	52.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.56%
24) Chloroform-d	4.35	84	173106	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.04	65	89014	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.05	84	341066	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.07	67	102050	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.32	98	297684	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.63	79	36521	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.10	63	150261	51.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.20%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	65521	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
66) 1,2-Dichlorobenzene-d4	11.63	152	96426	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	129666	5.042	ug/L 99
3) Chloromethane	1.24	50	144578	5.083	ug/L 100
5) Vinyl chloride	1.31	62	140198	5.025	ug/L 98
6) Bromomethane	1.52	94	81331	4.979	ug/L 99
8) Chloroethane	1.58	64	86108	5.049	ug/L 99
9) Trichlorofluoromethane	1.75	101	170012	5.017	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	93884	5.149	ug/L 98
12) 1,1-Dichloroethene	2.11	96	93827	5.036	ug/L 94
13) Acetone	2.23	43	159879	52.228	ug/L 92
14) Carbon disulfide	2.29	76	311798	4.833	ug/L 100
15) Methyl Acetate	2.45	43	43531	5.693	ug/L 94
16) Methylene chloride	2.51	84	107262	4.728	ug/L 98
17) Methyl tert-butyl Ether	2.78	73	234616	5.035	ug/L 99
18) trans-1,2-Dichloroethene	2.76	96	106431	5.058	ug/L 97
19) 1,1-Dichloroethane	3.19	63	207298	5.089	ug/L 100
21) 2-Butanone	4.01	43	261533	50.782	ug/L 97
22) cis-1,2-Dichloroethene	3.92	96	108861	4.976	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	44544	5.107	ug/L	98
25) Chloroform	4.38	83	205467	5.071	ug/L	98
27) 1,2-Dichloroethane	5.14	62	127023	5.146	ug/L	97
29) 1,1,1-Trichloroethane	4.61	97	172566	5.020	ug/L	99
30) Cyclohexane	4.68	56	173744	5.024	ug/L	99
31) Carbon tetrachloride	4.83	117	143013	5.093	ug/L	100
33) Benzene	5.10	78	432199	5.121	ug/L	100
34) Trichloroethene	5.92	95	113243	5.023	ug/L	98
35) Methylcyclohexane	6.14	83	170905	5.067	ug/L	98
37) 1,2-Dichloropropane	6.18	63	109048	5.153	ug/L	100
38) Bromodichloromethane	6.51	83	133550	5.116	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	147527	5.079	ug/L	98
40) 4-Methyl-2-pentanone	7.23	43	639481	53.508	ug/L	99
42) Toluene	7.39	91	442535	5.163	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	121211	5.095	ug/L	95
45) 1,1,2-Trichloroethane	7.85	97	69892	5.107	ug/L	100
47) Tetrachloroethene	7.98	164	74926	4.892	ug/L	97
48) 2-Hexanone	8.15	43	446750	53.931	ug/L	100
49) Dibromochloromethane	8.25	129	75780	5.119	ug/L	98
50) 1,2-Dibromoethane	8.36	107	63669	5.122	ug/L #	98
51) Chlorobenzene	8.89	112	274299	5.060	ug/L	99
52) Ethylbenzene	9.02	91	485545	5.112	ug/L	100
53) m,p-xylene	9.14	106	175128	5.045	ug/L	99
54) o-xylene	9.55	106	171642	5.158	ug/L	98
55) Styrene	9.57	104	295532	5.255	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.25	83	75481	5.210	ug/L	99
59) Bromoform	9.74	173	33726	4.972	ug/L	96
60) Isopropylbenzene	9.94	105	464046	5.099	ug/L	100
61) 1,2,3-Trichloropropane	10.28	75	61576	5.094	ug/L	98
62) 1,3,5-Trimethylbenzene	10.55	105	384381	5.108	ug/L	100
63) 1,2,4-Trimethylbenzene	10.92	105	395963	5.166	ug/L	99
64) 1,3-Dichlorobenzene	11.19	146	202945	5.078	ug/L	97
65) 1,4-Dichlorobenzene	11.28	146	203217	5.069	ug/L	97
67) 1,2-Dichlorobenzene	11.65	146	183599	4.996	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.44	75	11543	4.631	ug/L	99
69) 1,3,5-Trichlorobenzene	12.65	180	147425	4.977	ug/L	99
70) 1,2,4-trichlorobenzene	13.27	180	120945	5.022	ug/L	99
71) Naphthalene	13.51	128	186478	5.118	ug/L	100
72) 1,2,3-Trichlorobenzene	13.75	180	105631	5.153	ug/L	97

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

