

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV123120\
 Data File : VV019883.D
 Acq On : 31 Dec 2020 16:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005306

Quant Time: Jan 01 00:40:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 01 00:38:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	236943	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	224190	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	110809	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	77827	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.56	69	67134	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.10	63	176505	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	3.93	46	181284	50.39	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	4.35	84	150073	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.04	65	77311	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.05	84	294852	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.07	67	88305	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.32	98	259552	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.63	79	30140	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.10	63	125196	48.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.68%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	55765	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
66) 1,2-Dichlorobenzene-d4	11.63	152	85166	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	118859	5.245	ug/L 99
3) Chloromethane	1.24	50	124062	4.950	ug/L 99
5) Vinyl chloride	1.31	62	125729	5.113	ug/L 97
6) Bromomethane	1.52	94	70843	4.921	ug/L 95
8) Chloroethane	1.58	64	75700	5.037	ug/L 99
9) Trichlorofluoromethane	1.75	101	156051	5.225	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	86681	5.395	ug/L 99
12) 1,1-Dichloroethene	2.11	96	83647	5.094	ug/L 96
13) Acetone	2.24	43	140967	52.257	ug/L 86
14) Carbon disulfide	2.29	76	282814	4.974	ug/L 100
15) Methyl Acetate	2.45	43	35662	5.292	ug/L # 77
16) Methylene chloride	2.50	84	121785	6.092	ug/L 98
17) Methyl tert-butyl Ether	2.78	73	202141	4.923	ug/L 99
18) trans-1,2-Dichloroethene	2.76	96	92862	5.008	ug/L 97
19) 1,1-Dichloroethane	3.19	63	185041	5.155	ug/L 99
21) 2-Butanone	4.01	43	229644	50.599	ug/L # 70
22) cis-1,2-Dichloroethene	3.91	96	95465	4.952	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	38482	5.007	ug/L	95
25) Chloroform	4.38	83	188769	5.286	ug/L	98
27) 1,2-Dichloroethane	5.14	62	113145	5.202	ug/L	97
29) 1,1,1-Trichloroethane	4.61	97	158627	5.188	ug/L	99
30) Cyclohexane	4.68	56	163397	5.312	ug/L	98
31) Carbon tetrachloride	4.83	117	130714	5.234	ug/L	100
33) Benzene	5.10	78	386466	5.148	ug/L	100
34) Trichloroethene	5.92	95	103194	5.146	ug/L	99
35) Methylcyclohexane	6.14	83	159720	5.324	ug/L	97
37) 1,2-Dichloropropane	6.18	63	97903	5.202	ug/L	100
38) Bromodichloromethane	6.51	83	117802	5.074	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	130644	5.057	ug/L	96
40) 4-Methyl-2-pentanone	7.23	43	554747	52.190	ug/L	99
42) Toluene	7.39	91	396559	5.202	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	105138	4.969	ug/L	97
45) 1,1,2-Trichloroethane	7.85	97	62265	5.115	ug/L	97
47) Tetrachloroethene	7.98	164	68201	5.007	ug/L	99
48) 2-Hexanone	8.15	43	393909	53.465	ug/L	98
49) Dibromochloromethane	8.25	129	66695	5.065	ug/L	100
50) 1,2-Dibromoethane	8.36	107	56316	5.094	ug/L	100
51) Chlorobenzene	8.89	112	245832	5.099	ug/L	98
52) Ethylbenzene	9.02	91	438553	5.192	ug/L	100
53) m,p-xylene	9.14	106	160285	5.192	ug/L	100
54) o-xylene	9.55	106	153319	5.180	ug/L	98
55) Styrene	9.57	104	261266	5.224	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.25	83	66313	5.147	ug/L	99
59) Bromoform	9.74	173	29412	4.893	ug/L	99
60) Isopropylbenzene	9.94	105	424231	5.259	ug/L	100
61) 1,2,3-Trichloropropane	10.28	75	54704	5.106	ug/L	98
62) 1,3,5-Trimethylbenzene	10.55	105	346234	5.192	ug/L	100
63) 1,2,4-Trimethylbenzene	10.92	105	355843	5.238	ug/L	99
64) 1,3-Dichlorobenzene	11.19	146	180200	5.087	ug/L	98
65) 1,4-Dichlorobenzene	11.28	146	181518	5.109	ug/L	99
67) 1,2-Dichlorobenzene	11.65	146	165320	5.075	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.44	75	10060	4.554	ug/L	94
69) 1,3,5-Trichlorobenzene	12.65	180	130096	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.27	180	105404	4.938	ug/L	99
71) Naphthalene	13.51	128	161316	4.995	ug/L	99
72) 1,2,3-Trichlorobenzene	13.75	180	93171	5.128	ug/L	99

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

