

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV123020\
 Data File : VV019876.D
 Acq On : 30 Dec 2020 14:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005304

Quant Time: Dec 31 02:05:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 31 02:03:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	268461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	257884	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	126394	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90904	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.57	69	79379	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.11	63	198860	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.94	46	207939	51.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.04%
24) Chloroform-d	4.35	84	173813	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.04	65	87010	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.05	84	336727	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.07	67	101816	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.32	98	299380	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.63	79	36458	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.10	63	148155	49.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.46%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	65938	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	11.63	152	95116	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	131602	5.125	ug/L 97
3) Chloromethane	1.24	50	143386	5.049	ug/L 100
5) Vinyl chloride	1.31	62	142424	5.112	ug/L 99
6) Bromomethane	1.52	94	80478	4.934	ug/L 100
8) Chloroethane	1.58	64	86161	5.060	ug/L 99
9) Trichlorofluoromethane	1.75	101	174399	5.154	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	98320	5.401	ug/L 98
12) 1,1-Dichloroethene	2.12	96	95904	5.155	ug/L 98
13) Acetone	2.25	43	154444	50.531	ug/L 100
14) Carbon disulfide	2.29	76	316399	4.912	ug/L 99
15) Methyl Acetate	2.45	43	38261	5.012	ug/L # 77
16) Methylene chloride	2.51	84	107244	4.735	ug/L 98
17) Methyl tert-butyl Ether	2.78	73	228289	4.907	ug/L 99
18) trans-1,2-Dichloroethene	2.76	96	105248	5.010	ug/L 99
19) 1,1-Dichloroethane	3.19	63	204477	5.028	ug/L 99
21) 2-Butanone	4.02	43	260077	50.577	ug/L 99
22) cis-1,2-Dichloroethene	3.92	96	107122	4.904	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	43902	5.042	ug/L	94
25) Chloroform	4.38	83	208204	5.146	ug/L	100
27) 1,2-Dichloroethane	5.14	62	127304	5.165	ug/L	97
29) 1,1,1-Trichloroethane	4.61	97	175178	4.981	ug/L	99
30) Cyclohexane	4.68	56	179228	5.065	ug/L	99
31) Carbon tetrachloride	4.83	117	143914	5.010	ug/L	99
33) Benzene	5.10	78	427163	4.947	ug/L	100
34) Trichloroethene	5.92	95	114136	4.948	ug/L	98
35) Methylcyclohexane	6.13	83	174266	5.050	ug/L	99
37) 1,2-Dichloropropane	6.18	63	107099	4.947	ug/L	99
38) Bromodichloromethane	6.51	83	131431	4.922	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	146320	4.924	ug/L	96
40) 4-Methyl-2-pentanone	7.23	43	623633	51.005	ug/L	100
42) Toluene	7.39	91	439367	5.011	ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	119657	4.916	ug/L	98
45) 1,1,2-Trichloroethane	7.85	97	68764	4.911	ug/L	97
47) Tetrachloroethene	7.98	164	76029	4.852	ug/L	98
48) 2-Hexanone	8.15	43	442996	52.271	ug/L	98
49) Dibromochloromethane	8.25	129	74371	4.910	ug/L	99
50) 1,2-Dibromoethane	8.36	107	63091	4.961	ug/L	98
51) Chlorobenzene	8.89	112	274306	4.946	ug/L	98
52) Ethylbenzene	9.02	91	493122	5.075	ug/L	100
53) m,p-xylene	9.14	106	178840	5.036	ug/L	98
54) o-xylene	9.55	106	173024	5.082	ug/L	99
55) Styrene	9.57	104	298763	5.193	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.25	83	74878	5.052	ug/L	97
59) Bromoform	9.74	173	33300	4.856	ug/L	99
60) Isopropylbenzene	9.94	105	471378	5.123	ug/L	100
61) 1,2,3-Trichloropropane	10.28	75	61314	5.018	ug/L	98
62) 1,3,5-Trimethylbenzene	10.54	105	390013	5.127	ug/L	100
63) 1,2,4-Trimethylbenzene	10.92	105	399142	5.151	ug/L	99
64) 1,3-Dichlorobenzene	11.19	146	205177	5.078	ug/L	98
65) 1,4-Dichlorobenzene	11.28	146	204495	5.046	ug/L	98
67) 1,2-Dichlorobenzene	11.65	146	185634	4.996	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.44	75	11244	4.462	ug/L	99
69) 1,3,5-Trichlorobenzene	12.65	180	151833	5.070	ug/L	99
70) 1,2,4-trichlorobenzene	13.27	180	120513	4.950	ug/L	99
71) Naphthalene	13.51	128	180828	4.909	ug/L	100
72) 1,2,3-Trichlorobenzene	13.75	180	104130	5.025	ug/L	99

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

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