

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV013120\
 Data File : VV014445.D
 Acq On : 31 Jan 2020 09:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Quant Time: Jan 31 23:05:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 31 07:45:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	228853	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	208674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99400	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55966	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.59	69	39122	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.13	63	83066	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	3.94	46	95044	35.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.24%
24) Chloroform-d	4.40	84	126172	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	55560	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.09	84	264789	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.11	67	80378	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.35	98	241060	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.66	79	32600	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.13	63	123426	45.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.60%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	55900	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	82648	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	87945	4.759	ug/L 99
3) Chloromethane	1.25	50	71190	5.007	ug/L 98
5) Vinyl chloride	1.32	62	68347	4.792	ug/L 97
6) Bromomethane	1.54	94	25068	5.263	ug/L 94
8) Chloroethane	1.60	64	33353	4.687	ug/L 99
9) Trichlorofluoromethane	1.77	101	93471	5.023	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	46799	4.653	ug/L 97
12) 1,1-Dichloroethene	2.14	96	43292	4.708	ug/L 96
13) Acetone	2.20	43	51063	31.313	ug/L 72
14) Carbon disulfide	2.32	76	215936	4.598	ug/L 100
15) Methyl Acetate	2.47	43	16777	4.004	ug/L 95
16) Methylene chloride	2.54	84	86331	4.825	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	154388	4.620	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	75574	4.724	ug/L 96
19) 1,1-Dichloroethane	3.23	63	137572	4.728	ug/L 99
21) 2-Butanone	4.03	43	104728	35.113	ug/L 84
22) cis-1,2-Dichloroethene	3.96	96	82107	4.748	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	30513	4.742	ug/L	98
25) Chloroform	4.42	83	140553	4.810	ug/L	97
27) 1,2-Dichloroethane	5.18	62	69766	4.440	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	119465	4.831	ug/L	99
30) Cyclohexane	4.72	56	135125	4.736	ug/L	99
31) Carbon tetrachloride	4.87	117	101655	4.834	ug/L	100
33) Benzene	5.14	78	313968	4.807	ug/L	100
34) Trichloroethene	5.95	95	81002	4.722	ug/L	96
35) Methylcyclohexane	6.17	83	142350	4.824	ug/L	99
37) 1,2-Dichloropropane	6.22	63	75467	4.687	ug/L	100
38) Bromodichloromethane	6.55	83	95533	4.844	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	117421	4.814	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	400968	45.410	ug/L	98
42) Toluene	7.43	91	339310	4.886	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	87627	4.768	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	49827	4.747	ug/L	98
47) Tetrachloroethene	8.01	164	59419	4.821	ug/L	97
48) 2-Hexanone	8.18	43	285077	46.342	ug/L	98
49) Dibromochloromethane	8.28	129	60659	4.858	ug/L	98
50) 1,2-Dibromoethane	8.39	107	46164	4.761	ug/L	100
51) Chlorobenzene	8.92	112	206306	4.787	ug/L	99
52) Ethylbenzene	9.05	91	374404	4.800	ug/L	99
53) m,p-xylene	9.18	106	142273	4.897	ug/L	99
54) o-xylene	9.58	106	136397	4.808	ug/L	96
55) Styrene	9.60	104	224708	4.824	ug/L	97
56) Isopropylbenzene	9.97	105	362063	4.868	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	59009	4.837	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	41234	4.605	ug/L	98
61) Bromoform	9.77	173	30025	4.976	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	159099	4.925	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	157150	4.879	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	139921	4.799	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	9372	4.072	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	116635	4.892	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	97633	4.871	ug/L	100
69) Naphthalene	13.55	128	168253	4.768	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	84678	4.885	ug/L	99

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

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