

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012920\
 Data File : VV014428.D
 Acq On : 29 Jan 2020 16:44
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02034

Quant Time: Jan 30 00:57:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 30 00:51:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	218492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	198266	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	260358	17.56	ug/L	0.00
7) Chloroethane-d5	1.58	69	164761	14.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	388772	17.97	ug/L	0.00
20) 2-Butanone-d5	3.94	46	666676	193.15	ug/L	0.00
24) Chloroform-d	4.40	84	580107	19.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	262081	18.22	ug/L	0.00
32) Benzene-d6	5.10	84	1220154	20.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	368323	20.29	ug/L	0.00
41) Toluene-d8	7.36	98	1121373	20.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	154973	19.54	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	574305	174.55	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	247700	19.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	355389	19.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	409472	24.700	ug/L 100
3) Chloromethane	1.25	50	301116	19.197	ug/L 99
5) Vinyl chloride	1.32	62	312234	21.135	ug/L 97
6) Bromomethane	1.54	94	121097	15.529	ug/L 99
8) Chloroethane	1.60	64	138988	16.874	ug/L 97
9) Trichlorofluoromethane	1.77	101	384867	21.526	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	211373	22.011	ug/L 97
12) 1,1-Dichloroethene	2.14	96	197905	20.965	ug/L 98
13) Acetone	2.21	43	449664	186.521	ug/L 78
14) Carbon disulfide	2.32	76	1034540	23.765	ug/L 100
15) Methyl Acetate	2.47	43	121280	22.007	ug/L 98
16) Methylene chloride	2.53	84	345033	21.609	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	767295	21.894	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	354918	24.129	ug/L 99
19) 1,1-Dichloroethane	3.23	63	647395	22.658	ug/L 100
21) 2-Butanone	4.03	43	811922	223.982	ug/L 82
22) cis-1,2-Dichloroethene	3.96	96	390811	24.200	ug/L 99
23) Bromochloromethane	4.30	128	148071	24.298	ug/L 96
25) Chloroform	4.42	83	635142	23.024	ug/L 99
27) 1,2-Dichloroethane	5.18	62	353530	21.910	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	555161	23.549	ug/L 100
30) Cyclohexane	4.72	56	642858	24.687	ug/L 99
31) Carbon tetrachloride	4.87	117	484393	24.102	ug/L 98
33) Benzene	5.14	78	1461949	23.824	ug/L 100
34) Trichloroethene	5.96	95	378879	23.976	ug/L 97
35) Methylcyclohexane	6.17	83	659362	25.538	ug/L 99
37) 1,2-Dichloropropane	6.22	63	359399	23.376	ug/L 100
38) Bromodichloromethane	6.55	83	450665	22.907	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	564933	22.974	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	1951109	206.144	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1545612	23.869	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	424140	22.659	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	230477	23.329	ug/L	98
47) Tetrachloroethene	8.02	164	273763	25.196	ug/L	98
48) 2-Hexanone	8.18	43	1364192	208.631	ug/L	99
49) Dibromochloromethane	8.29	129	283628	22.996	ug/L	99
50) 1,2-Dibromoethane	8.39	107	216144	22.816	ug/L	98
51) Chlorobenzene	8.92	112	953270	23.911	ug/L	99
52) Ethylbenzene	9.05	91	1736820	24.018	ug/L	99
53) m,p-xylene	9.18	106	654437	24.397	ug/L	97
54) o-xylene	9.58	106	625205	23.731	ug/L	94
55) Styrene	9.60	104	1058172	23.846	ug/L	99
56) Isopropylbenzene	9.97	105	1662062	24.255	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	273573	22.735	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	192895	21.271	ug/L	100
61) Bromoform	9.77	173	140859	22.222	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	723247	24.043	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	720901	24.119	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	644631	23.706	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	45858	19.030	ug/L	95
67) 1,3,5-Trichlorobenzene	12.68	180	547335	25.030	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	465034	24.358	ug/L	99
69) Naphthalene	13.54	128	848774	22.476	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	396436	23.707	ug/L	100

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

