

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015136.D
 Acq On : 25 Mar 2020 11:45
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Mar 25 13:20:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 13:17:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	735783	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	708902	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	340102	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	295695	48.77	ug/L	0.00
7) Chloroethane-d5	1.58	69	265602	43.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	566719	49.32	ug/L	0.00
21) 2-Butanone-d5	3.94	46	388791	83.45	ug/L	0.00
24) Chloroform-d	4.38	84	490250	44.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	314996	42.39	ug/L	0.00
32) Benzene-d6	5.08	84	971334	44.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	304807	41.73	ug/L	0.00
41) Toluene-d8	7.34	98	945662	48.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	167484	42.37	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	308508	81.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	446842	40.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	352084	45.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	253346	60.573	ug/L 100
3) Chloromethane	1.25	50	269979	38.640	ug/L 100
5) Vinyl chloride	1.32	62	283801	45.584	ug/L 100
6) Bromomethane	1.53	94	172243	38.480	ug/L 100
8) Chloroethane	1.60	64	211160	40.865	ug/L 100
9) Trichlorofluoromethane	1.77	101	435952	56.255	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	224993	58.797	ug/L 100
12) 1,1-Dichloroethene	2.13	96	214853	46.410	ug/L 100
13) Acetone	2.22	43	196407	71.453	ug/L 100
14) Carbon disulfide	2.31	76	576021	46.192	ug/L 100
15) Methyl Acetate	2.46	43	216882	34.936	ug/L 100
16) Methylene chloride	2.52	84	216314	37.540	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	197150	43.610	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	659108	36.007	ug/L 100
19) 1,1-Dichloroethane	3.21	63	358053	38.865	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	219309	39.972	ug/L 100
22) 2-Butanone	4.02	43	304341	75.068	ug/L 100
23) Bromochloromethane	4.28	128	109372	36.559	ug/L 100
25) Chloroform	4.41	83	376115	39.372	ug/L 100
27) 1,2-Dichloroethane	5.16	62	284651	37.492	ug/L 100
29) Cyclohexane	4.70	56	329457	56.566	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	341057	45.241	ug/L 100
31) Carbon tetrachloride	4.86	117	293989	49.023	ug/L 100
33) Benzene	5.13	78	821228	40.634	ug/L 100
34) Trichloroethene	5.94	95	209553	44.188	ug/L 100
35) Methylcyclohexane	6.15	83	352347	59.890	ug/L 100
37) 1,2-Dichloropropane	6.20	63	207605	37.622	ug/L 100
38) Bromodichloromethane	6.53	83	294975	37.345	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	348837	39.133	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	621290	67.211	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	914458	44.375	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	350334	39.186	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	205089	35.719	ug/L	100
46) Tetrachloroethene	8.00	164	152207	49.794	ug/L	100
48) 2-Hexanone	8.16	43	490861	72.282	ug/L	100
49) Dibromochloromethane	8.27	129	232917	36.140	ug/L	100
50) 1,2-Dibromoethane	8.37	107	222697	36.044	ug/L	100
51) Chlorobenzene	8.90	112	587321	43.211	ug/L	100
52) Ethylbenzene	9.03	91	1016097	47.977	ug/L	100
53) m,p-Xylene	9.16	106	389471	47.596	ug/L	100
54) o-xylene	9.57	106	393916	45.751	ug/L	100
55) Styrene	9.58	104	670886	44.310	ug/L	100
56) Isopropylbenzene	9.95	105	1013805	50.802	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	336330	35.353	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	270132	35.149	ug/L	100
61) Bromoform	9.75	173	158994	32.592	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	436807	42.707	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	444043	42.711	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	448620	40.386	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	91162	32.092	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	292224	45.123	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	275318	42.067	ug/L	100
69) Naphthalene	13.52	128	1070131	36.782	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	278442	40.688	ug/L	100

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

