

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015212.D
 Acq On : 27 Mar 2020 18:48
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 00:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 00:27:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	573605	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	551378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	243074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12932	4.39	ug/L	0.00
7) Chloroethane-d5	1.58	69	13514m	4.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	29726	4.35	ug/L	0.00
21) 2-Butanone-d5	3.98	46	24466m	8.01	ug/L	0.04
24) Chloroform-d	4.38	84	30583	4.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	19281	4.36	ug/L	0.00
32) Benzene-d6	5.08	84	46817	4.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	18195	4.51	ug/L	0.00
41) Toluene-d8	7.34	98	42147	4.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	9329	4.27	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	18728	7.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30895	4.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	21604	4.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24393	4.912	ug/L 99
3) Chloromethane	1.25	50	27841	5.153	ug/L 97
5) Vinyl chloride	1.32	62	27324	4.918	ug/L 99
6) Bromomethane	1.53	94	17339	4.831	ug/L 96
8) Chloroethane	1.60	64	18216	5.038	ug/L 97
9) Trichlorofluoromethane	1.77	101	41713	4.624	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	22865	4.887	ug/L 97
12) 1,1-Dichloroethene	2.13	96	22497	4.906	ug/L 84
13) Acetone	2.24	43	14839m	7.049	ug/L
14) Carbon disulfide	2.31	76	56986	4.888	ug/L 98
15) Methyl Acetate	2.47	43	20700	4.792	ug/L 98
16) Methylene chloride	2.53	84	23911	5.580	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	19679	4.952	ug/L 96
18) Methyl tert-butyl Ether	2.79	73	67482	5.027	ug/L 98
19) 1,1-Dichloroethane	3.22	63	36790	5.017	ug/L 98
20) cis-1,2-Dichloroethene	3.95	96	26165	5.856	ug/L # 87
22) 2-Butanone	4.04	43	27545m	8.413	ug/L
23) Bromochloromethane	4.29	128	11555	5.381	ug/L 88
25) Chloroform	4.41	83	40421	5.329	ug/L 93
27) 1,2-Dichloroethane	5.16	62	30379	5.045	ug/L 97
29) Cyclohexane	4.71	56	32187	4.826	ug/L 98
30) 1,1,1-Trichloroethane	4.64	97	36198	5.231	ug/L 99
31) Carbon tetrachloride	4.86	117	29868	5.129	ug/L 100
33) Benzene	5.13	78	81357	4.994	ug/L 100
34) Trichloroethene	5.94	95	22395	5.283	ug/L 94
35) Methylcyclohexane	6.15	83	34076	4.866	ug/L 99
37) 1,2-Dichloropropane	6.20	63	20399	4.907	ug/L # 96
38) Bromodichloromethane	6.54	83	31725	5.371	ug/L 93
39) cis-1,3-Dichloropropene	7.05	75	33646	4.886	ug/L 100
40) 4-Methyl-2-pentanone	7.26	43	59976	9.633	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	90411	4.982	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	31362	4.642	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	20618	5.037	ug/L	95
46) Tetrachloroethene	8.00	164	13940	4.904	ug/L	93
48) 2-Hexanone	8.17	43	45138	9.216	ug/L	95
49) Dibromochloromethane	8.27	129	21537	4.793	ug/L	96
50) 1,2-Dibromoethane	8.38	107	21235	4.790	ug/L #	100
51) Chlorobenzene	8.90	112	60071	5.179	ug/L	98
52) Ethylbenzene	9.04	91	101097	4.943	ug/L	100
53) m,p-Xylene	9.16	106	38489	4.939	ug/L	100
54) o-xylene	9.57	106	38442	4.903	ug/L	99
55) Styrene	9.59	104	63780	4.816	ug/L	98
56) Isopropylbenzene	9.95	105	97482	4.845	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.27	83	34473	5.025	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	28165	5.117	ug/L	97
61) Bromoform	9.76	173	12545	4.526	ug/L #	92
62) 1,3-Dichlorobenzene	11.21	146	40244	4.994	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	39868	4.891	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	43457	5.323	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.45	75	8732	4.836	ug/L	88
67) 1,3,5-Trichlorobenzene	12.67	180	25106	4.869	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	22062	4.496	ug/L	98
69) Naphthalene	13.53	128	91216	4.654	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	22714	4.630	ug/L	97

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

