

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015129.D
 Acq On : 25 Mar 2020 05:23
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Quant Time: Mar 25 06:52:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 06:43:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	550981	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	523370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	230996	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	470969	93.08	ug/L	0.00
7) Chloroethane-d5	1.58	69	477793	107.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	877905	102.23	ug/L	0.00
21) 2-Butanone-d5	3.93	46	826642	238.56	ug/L	0.00
24) Chloroform-d	4.38	84	892276	112.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	604275	117.56	ug/L	0.00
32) Benzene-d6	5.08	84	1707918	104.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	576188	107.15	ug/L	0.00
41) Toluene-d8	7.34	98	1498961	100.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	310100	109.73	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	635380	230.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	883031	115.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	564020	107.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	294016	74.162	ug/L 99
3) Chloromethane	1.25	50	564353	100.413	ug/L 98
5) Vinyl chloride	1.32	62	494294	94.702	ug/L 100
6) Bromomethane	1.53	94	369411	111.921	ug/L 99
8) Chloroethane	1.60	64	377233	92.260	ug/L 97
9) Trichlorofluoromethane	1.77	101	574990	89.669	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	274798	85.486	ug/L 99
12) 1,1-Dichloroethene	2.13	96	362119	100.538	ug/L 90
13) Acetone	2.22	43	438026	163.068	ug/L 93
14) Carbon disulfide	2.31	76	944909	102.364	ug/L 99
15) Methyl Acetate	2.46	43	513726	108.296	ug/L 99
16) Methylene chloride	2.52	84	475715	109.106	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	361849	101.298	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	1557198	111.517	ug/L 100
19) 1,1-Dichloroethane	3.21	63	746702	102.398	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	452684	106.608	ug/L # 98
22) 2-Butanone	4.02	43	761546	205.691	ug/L # 70
23) Bromochloromethane	4.28	128	250005	115.891	ug/L 100
25) Chloroform	4.41	83	783670	106.962	ug/L 99
27) 1,2-Dichloroethane	5.16	62	641237	108.774	ug/L 98
29) Cyclohexane	4.70	56	413372	74.830	ug/L 99
30) 1,1,1-Trichloroethane	4.64	97	591462	95.979	ug/L 99
31) Carbon tetrachloride	4.86	117	452723	88.807	ug/L 97
33) Benzene	5.13	78	1613729	100.299	ug/L 100
34) Trichloroethene	5.94	95	366162	95.821	ug/L 99
35) Methylcyclohexane	6.15	83	413361	77.287	ug/L 99
37) 1,2-Dichloropropane	6.20	63	446521	102.566	ug/L 99
38) Bromodichloromethane	6.53	83	638197	105.812	ug/L 98
39) cis-1,3-Dichloropropene	7.05	75	743894	105.256	ug/L 97
40) 4-Methyl-2-pentanone	7.25	43	1541590	211.743	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1623871	96.680	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	725405	109.157	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	465997	109.735	ug/L	98
46) Tetrachloroethene	8.00	164	228878	89.035	ug/L	97
48) 2-Hexanone	8.16	43	1192532	213.413	ug/L	98
49) Dibromochloromethane	8.27	129	522312	107.934	ug/L	100
50) 1,2-Dibromoethane	8.37	107	504031	108.320	ug/L	100
51) Chlorobenzene	8.90	112	1061330	98.262	ug/L	99
52) Ethylbenzene	9.03	91	1646607	91.698	ug/L	99
53) m,p-Xylene	9.16	106	628070	92.004	ug/L	100
54) o-xylene	9.57	106	679366	95.511	ug/L	99
55) Styrene	9.58	104	1216159	98.687	ug/L	99
56) Isopropylbenzene	9.95	105	1516195	88.009	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	786095	108.363	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	631276	107.462	ug/L	99
61) Bromoform	9.75	173	374472	112.515	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	741820	97.243	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	744333	96.597	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	810862	101.041	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	217147	114.493	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	461314	90.221	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	475531	96.975	ug/L	99
69) Naphthalene	13.52	128	2293042	186.053	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	512872	100.653	ug/L	99

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

