

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015137.D
 Acq On : 25 Mar 2020 12:09
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Manual Integrations
 APPROVED

apatel
 3/26/2020 2:13:00 PM

Quant Time: Mar 25 13:31:12 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	770251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	746608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	360245	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	621624	97.94	ug/L	0.00
7) Chloroethane-d5	1.58	69	559083	88.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1230541	102.30	ug/L	0.00
21) 2-Butanone-d5	3.93	46	838097	171.84	ug/L	0.00
24) Chloroform-d	4.38	84	1033081	89.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	653493	84.01	ug/L	0.00
32) Benzene-d6	5.08	84	2059518	89.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	654400	85.07	ug/L	0.00
41) Toluene-d8	7.34	98	1996038	97.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	364697	87.60	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	652839	163.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	949385	82.22	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	762187	92.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	602957	137.711	ug/L 99
3) Chloromethane	1.25	50	635556	86.892	ug/L 99
5) Vinyl chloride	1.32	62	669888	102.783	ug/L 99
6) Bromomethane	1.53	94	420248	89.685	ug/L 97
8) Chloroethane	1.60	64	453767	83.885	ug/L 99
9) Trichlorofluoromethane	1.76	101	1089656	134.317	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	541165	135.094	ug/L 100
12) 1,1-Dichloroethene	2.13	96	527629	108.872	ug/L 99
13) Acetone	2.22	43	494653m	171.903	ug/L
14) Carbon disulfide	2.31	76	1406108	107.712	ug/L 99
15) Methyl Acetate	2.46	43	517503	79.630	ug/L 99
16) Methylene chloride	2.52	84	518861	86.015	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	467645	98.816	ug/L 97
18) Methyl tert-butyl Ether	2.79	73	1611934	84.120	ug/L 100
19) 1,1-Dichloroethane	3.21	63	870996	90.312	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	528358	91.992	ug/L # 98
22) 2-Butanone	4.02	43	753117	177.450	ug/L 100
23) Bromochloromethane	4.27	128	266615	85.132	ug/L 95
25) Chloroform	4.40	83	905593	90.556	ug/L 99
27) 1,2-Dichloroethane	5.16	62	704137	88.593	ug/L 99
29) Cyclohexane	4.70	56	818579	133.448	ug/L 99
30) 1,1,1-Trichloroethane	4.63	97	839945	105.792	ug/L 99
31) Carbon tetrachloride	4.85	117	723612	114.569	ug/L 99
33) Benzene	5.13	78	1998606	93.897	ug/L 100
34) Trichloroethene	5.94	95	527592	105.634	ug/L 98
35) Methylcyclohexane	6.15	83	854691	137.938	ug/L 99
37) 1,2-Dichloropropane	6.20	63	508469	87.492	ug/L 100
38) Bromodichloromethane	6.53	83	724562	87.099	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	893770	95.202	ug/L 99
40) 4-Methyl-2-pentanone	7.25	43	1526303	156.776	ug/L 100

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42) Toluene	7.41	91	2229375	102.718	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	860801	91.420	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	500230	82.722	ug/L	99
46) Tetrachloroethene	8.00	164	386154	119.950	ug/L	98
48) 2-Hexanone	8.16	43	1203256	168.237	ug/L	98
49) Dibromochloromethane	8.27	129	581537	85.675	ug/L	100
50) 1,2-Dibromoethane	8.37	107	554053	85.145	ug/L	97
51) Chlorobenzene	8.90	112	1432814	100.092	ug/L	100
52) Ethylbenzene	9.03	91	2537506	113.761	ug/L	99
53) m,p-Xylene	9.16	106	981273	113.862	ug/L	99
54) o-xylene	9.57	106	962685	106.163	ug/L	98
55) Styrene	9.58	104	1672503	104.884	ug/L	99
56) Isopropylbenzene	9.95	105	2528620	120.310	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	835944	83.431	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	675269	83.427	ug/L	99
61) Bromoform	9.75	173	398627	77.144	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	1110697	102.522	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1111224	100.909	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1103416	93.779	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	228297	75.875	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	756224	110.242	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	720722	103.965	ug/L	99
69) Naphthalene	13.52	128	2716145	88.138	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	718442	99.115	ug/L	99

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

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