

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014935.D
 Acq On : 16 Mar 2020 10:06
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:11:37 PM

Quant Time: Mar 18 01:45:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 16 17:11:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	361625	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181363	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23221	9.50	ug/L	0.00
7) Chloroethane-d5	1.58	69	17365	9.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	35132	8.79	ug/L	0.00
21) 2-Butanone-d5	3.94	46	23573m	13.65	ug/L	0.02
24) Chloroform-d	4.38	84	47810	10.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	31086	9.85	ug/L	0.00
32) Benzene-d6	5.08	84	92324	9.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	26869	8.84	ug/L	0.00
41) Toluene-d8	7.34	98	90056	9.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	12607	8.31	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	22393	16.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	40875	9.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	37844	10.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	32201	9.101 ug/L	100
3) Chloromethane	1.25	50	23909	7.936 ug/L	97
5) Vinyl chloride	1.32	62	21591	7.663 ug/L	91
6) Bromomethane	1.53	94	14634	8.336 ug/L	97
8) Chloroethane	1.60	64	12653	8.391 ug/L	94
9) Trichlorofluoromethane	1.76	101	35136	9.020 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	18184	9.130 ug/L	98
12) 1,1-Dichloroethene	2.13	96	15910	8.293 ug/L	95
13) Acetone	2.20	43	28671m	20.136 ug/L	
14) Carbon disulfide	2.31	76	51727	8.160 ug/L	100
15) Methyl Acetate	2.46	43	17212	6.454 ug/L	98
16) Methylene chloride	2.52	84	25010	9.369 ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	22190	9.132 ug/L	96
18) Methyl tert-butyl Ether	2.79	73	70044	8.842 ug/L	98
19) 1,1-Dichloroethane	3.21	63	40695	8.722 ug/L	98
20) cis-1,2-Dichloroethene	3.95	96	24965	9.150 ug/L	94
22) 2-Butanone	4.02	43	25905m	13.357 ug/L	
23) Bromochloromethane	4.28	128	13626	9.709 ug/L	95
25) Chloroform	4.40	83	46049	9.454 ug/L	99
27) 1,2-Dichloroethane	5.16	62	34609	9.134 ug/L	98
29) Cyclohexane	4.71	56	33084	7.959 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	39952	9.680 ug/L	100
31) Carbon tetrachloride	4.85	117	35292	9.967 ug/L	100
33) Benzene	5.13	78	89525	8.851 ug/L	100
34) Trichloroethene	5.94	95	24277	9.153 ug/L	97
35) Methylcyclohexane	6.15	83	38231	8.750 ug/L	99
37) 1,2-Dichloropropane	6.20	63	23413	8.763 ug/L	99
38) Bromodichloromethane	6.53	83	32075	9.162 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	35768	8.323 ug/L	96
40) 4-Methyl-2-pentanone	7.26	43	61565	15.953 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	100557	8.972	ug/L	97
44) trans-1,3-Dichloropropene	7.68	75	30150	7.793	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	23795	9.346	ug/L	93
46) Tetrachloroethene	8.00	164	22950	10.258	ug/L	96
48) 2-Hexanone	8.17	43	48126	15.873	ug/L	99
49) Dibromochloromethane	8.27	129	24840	8.924	ug/L	99
50) 1,2-Dibromoethane	8.38	107	25796	9.380	ug/L	97
51) Chlorobenzene	8.90	112	70898	9.719	ug/L	97
52) Ethylbenzene	9.04	91	112381	8.881	ug/L	98
53) m,p-Xylene	9.16	106	44380	9.284	ug/L	95
54) o-xylene	9.57	106	44392	9.455	ug/L	92
55) Styrene	9.58	104	69820	8.702	ug/L	99
56) Isopropylbenzene	9.95	105	113395	9.004	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	39519	9.094	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	31933	9.163	ug/L	98
61) Bromoform	9.76	173	16778	8.475	ug/L	94
62) 1,3-Dichlorobenzene	11.20	146	57335	9.720	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	58627	9.915	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	56791	9.630	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.45	75	9262	9.493	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	43894	9.538	ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	37043	8.846	ug/L	99
69) Naphthalene	13.52	128	45300	7.356	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	36550	8.715	ug/L	98

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

