

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015017.D
 Acq On : 18 Mar 2020 14:26
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Manual Integrations
 APPROVED

sam
 3/19/2020 11:31:25 AM

Quant Time: Mar 19 02:26:31 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 19 02:01:59 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328088	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326278	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72665	47.40	ug/L	0.00
7) Chloroethane-d5	1.58	69	57296	47.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	126842	48.41	ug/L	0.00
21) 2-Butanone-d5	3.92	46	109402	103.53	ug/L	0.00
24) Chloroform-d	4.38	84	192310	49.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	120127	48.62	ug/L	0.00
32) Benzene-d6	5.08	84	379060	48.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	108538	47.91	ug/L	0.00
41) Toluene-d8	7.34	98	381748	48.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	61912	51.13	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	103596	99.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167628	49.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	167989	47.24	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	145265	51.792	ug/L 100
3) Chloromethane	1.25	50	99055	51.953	ug/L 100
5) Vinyl chloride	1.32	62	95088	51.569	ug/L 100
6) Bromomethane	1.53	94	60516	50.578	ug/L 100
8) Chloroethane	1.60	64	52468	52.810	ug/L 100
9) Trichlorofluoromethane	1.76	101	152625	52.027	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	74458	52.772	ug/L 100
12) 1,1-Dichloroethene	2.13	96	72794	54.520	ug/L 100
13) Acetone	2.20	43	85691m	100.464	ug/L
14) Carbon disulfide	2.31	76	246723	52.148	ug/L 100
15) Methyl Acetate	2.46	43	79216	53.856	ug/L 100
16) Methylene chloride	2.52	84	110956	52.442	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	104670	52.229	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	323323	52.407	ug/L 100
19) 1,1-Dichloroethane	3.21	63	182847	53.099	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	119426	53.323	ug/L 100
22) 2-Butanone	4.01	43	115481	98.206	ug/L 100
23) Bromochloromethane	4.28	128	63698	52.322	ug/L 100
25) Chloroform	4.41	83	202336	52.539	ug/L 100
27) 1,2-Dichloroethane	5.16	62	152008	52.856	ug/L 100
29) Cyclohexane	4.70	56	154384	52.701	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	186258	52.917	ug/L 100
31) Carbon tetrachloride	4.86	117	168240	53.187	ug/L 100
33) Benzene	5.13	78	423520	53.026	ug/L 100
34) Trichloroethene	5.94	95	111841	51.689	ug/L 100
35) Methylcyclohexane	6.16	83	180684	52.625	ug/L 100
37) 1,2-Dichloropropane	6.20	63	99525	51.527	ug/L 100
38) Bromodichloromethane	6.53	83	148712	52.793	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	178873	55.306	ug/L 100
40) 4-Methyl-2-pentanone	7.26	43	287099	107.303	ug/L 100

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42) Toluene	7.41	91	487491	53.990	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	159898	54.580	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	111352	52.883	ug/L	100
46) Tetrachloroethene	8.00	164	107828	52.484	ug/L	100
48) 2-Hexanone	8.17	43	223710	111.933	ug/L	100
49) Dibromochloromethane	8.27	129	129623	52.968	ug/L	100
50) 1,2-Dibromoethane	8.37	107	123251	52.447	ug/L	100
51) Chlorobenzene	8.90	112	331304	52.187	ug/L	100
52) Ethylbenzene	9.03	91	545673	53.203	ug/L	100
53) m,p-Xylene	9.16	106	217131	54.075	ug/L	100
54) o-xylene	9.56	106	216919	54.552	ug/L	100
55) Styrene	9.58	104	365519	54.733	ug/L	100
56) Isopropylbenzene	9.95	105	564720	54.528	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	180112	52.589	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	143907	53.011	ug/L	100
61) Bromoform	9.75	173	94188	53.778	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	285179	53.486	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	283997	51.171	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	287395	50.747	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	40909	51.688	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	224211	53.148	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	202061	52.011	ug/L	100
69) Naphthalene	13.52	128	271522	53.530	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	208679	54.675	ug/L	100

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

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