

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017848.D
 Acq On : 08 Aug 2020 11:51
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 1:34:24 PM

Quant Time: Aug 10 02:06:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 01:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	257806	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11465	9.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	10848	10.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	30269	9.95	ug/L	0.00
21) 2-Butanone-d5	3.93	46	15269m	16.69	ug/L	0.02
24) Chloroform-d	4.38	84	32668	9.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	23995	9.57	ug/L	0.00
32) Benzene-d6	5.08	84	53388	9.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	12927	8.35	ug/L	0.00
41) Toluene-d8	7.34	98	52750	9.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	7287	7.03	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	8259	12.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	20374	8.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	26461	9.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	20152	8.117 ug/L	98
3) Chloromethane	1.25	50	13428	8.172 ug/L	99
5) Vinyl chloride	1.32	62	15253	8.650 ug/L	100
6) Bromomethane	1.53	94	9964	9.271 ug/L	96
8) Chloroethane	1.60	64	9047	8.371 ug/L	94
9) Trichlorofluoromethane	1.76	101	36995	10.288 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	15656	9.426 ug/L	99
12) 1,1-Dichloroethene	2.13	96	15526	10.106 ug/L	87
13) Acetone	2.20	43	22310	19.375 ug/L	99
14) Carbon disulfide	2.31	76	30339	6.669 ug/L	100
15) Methyl Acetate	2.45	43	10779	7.224 ug/L	96
16) Methylene chloride	2.52	84	16614	9.292 ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	16073	9.419 ug/L	91
18) Methyl tert-butyl Ether	2.78	73	51912	9.199 ug/L	99
19) 1,1-Dichloroethane	3.21	63	25051	8.460 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	15661	8.534 ug/L	97
22) 2-Butanone	4.01	43	17057m	16.162 ug/L	
23) Bromochloromethane	4.28	128	9736	9.295 ug/L	99
25) Chloroform	4.40	83	33689	9.651 ug/L	93
27) 1,2-Dichloroethane	5.15	62	29797	9.686 ug/L	98
29) Cyclohexane	4.70	56	19165	8.106 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	34089	9.703 ug/L	97
31) Carbon tetrachloride	4.86	117	30270	9.510 ug/L	97
33) Benzene	5.13	78	58452	9.057 ug/L	100
34) Trichloroethene	5.94	95	17452	9.372 ug/L	96
35) Methylcyclohexane	6.15	83	24453	9.013 ug/L	96
37) 1,2-Dichloropropane	6.20	63	12613	8.613 ug/L	96
38) Bromodichloromethane	6.53	83	21298	8.106 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	18268	6.804 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	32284	16.221 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	66854	9.276	ug/L	97
44) trans-1,3-Dichloropropene	7.68	75	19287	6.993	ug/L	94
45) 1,1,2-Trichloroethane	7.86	97	16495	9.715	ug/L	96
46) Tetrachloroethene	8.00	164	15808	9.440	ug/L	97
48) 2-Hexanone	8.16	43	26745	16.699	ug/L	99
49) Dibromochloromethane	8.27	129	15901	7.338	ug/L	85
50) 1,2-Dibromoethane	8.38	107	17324	9.319	ug/L	99
51) Chlorobenzene	8.90	112	45550	9.129	ug/L	100
52) Ethylbenzene	9.03	91	73475	8.841	ug/L	98
53) m,p-Xylene	9.16	106	29278	9.193	ug/L	100
54) o-xylene	9.57	106	28510	9.254	ug/L	96
55) Styrene	9.58	104	47112	8.807	ug/L	94
56) Isopropylbenzene	9.95	105	77206	9.127	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	20382	8.334	ug/L	92
59) 1,2,3-Trichloropropane	10.30	75	18284	8.461	ug/L	96
61) Bromoform	9.76	173	9964	6.353	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	39834	9.246	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	41857	9.593	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	42311	9.847	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.45	75	4257	6.462	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	32600	9.656	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	26607	9.058	ug/L	99
69) Naphthalene	13.53	128	65769	8.550	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	28886	9.868	ug/L	94

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

