

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017847.D
 Acq On : 08 Aug 2020 11:28
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 1:34:19 PM

Quant Time: Aug 10 02:03:39 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	242006	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	6549	5.48	ug/L	0.00
7) Chloroethane-d5	1.58	69	5477	5.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	14843	5.20	ug/L	0.00
21) 2-Butanone-d5	3.93	46	7216m	8.40	ug/L	0.02
24) Chloroform-d	4.38	84	16499	5.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	11349	4.82	ug/L	0.00
32) Benzene-d6	5.07	84	26546	4.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	6859	4.67	ug/L	0.00
41) Toluene-d8	7.34	98	25871	4.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	3354	3.41	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	3957	6.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	10458	4.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	13421	5.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9191	3.944 ug/L	92
3) Chloromethane	1.25	50	6568	4.258 ug/L	94
5) Vinyl chloride	1.32	62	7151	4.320 ug/L	89
6) Bromomethane	1.53	94	5051	5.007 ug/L	100
8) Chloroethane	1.60	64	4950	4.879 ug/L	98
9) Trichlorofluoromethane	1.76	101	18083	5.357 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	8339	5.349 ug/L	93
12) 1,1-Dichloroethene	2.13	96	7476	5.184 ug/L	89
13) Acetone	2.21	43	12333m	11.410 ug/L	
14) Carbon disulfide	2.31	76	14452	3.384 ug/L	100
15) Methyl Acetate	2.45	43	5966	4.259 ug/L #	75
16) Methylene chloride	2.52	84	7745	4.615 ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	7362	4.596 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	25249	4.766 ug/L #	74
19) 1,1-Dichloroethane	3.21	63	12072	4.343 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	8023	4.657 ug/L	98
22) 2-Butanone	4.02	43	9285m	9.372 ug/L	
23) Bromochloromethane	4.28	128	4785	4.867 ug/L	91
25) Chloroform	4.40	83	15314	4.674 ug/L	90
27) 1,2-Dichloroethane	5.16	62	14359	4.972 ug/L	98
29) Cyclohexane	4.70	56	9099	4.056 ug/L #	50
30) 1,1,1-Trichloroethane	4.63	97	16724	5.017 ug/L	99
31) Carbon tetrachloride	4.85	117	14264	4.722 ug/L	99
33) Benzene	5.13	78	27737	4.529 ug/L	100
34) Trichloroethene	5.94	95	8289	4.691 ug/L	88
35) Methylcyclohexane	6.15	83	11459	4.451 ug/L	97
37) 1,2-Dichloropropane	6.20	63	6114	4.400 ug/L #	82
38) Bromodichloromethane	6.53	83	10723	4.301 ug/L #	92
39) cis-1,3-Dichloropropene	7.05	75	8621	3.384 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	14695	7.781 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	31948	4.671	ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	7790	2.976	ug/L	95
45) 1,1,2-Trichloroethane	7.86	97	7819	4.853	ug/L	97
46) Tetrachloroethene	7.99	164	8006	5.038	ug/L	93
48) 2-Hexanone	8.16	43	13120	8.633	ug/L	99
49) Dibromochloromethane	8.27	129	6974	3.392	ug/L	88
50) 1,2-Dibromoethane	8.37	107	8478	4.806	ug/L	87
51) Chlorobenzene	8.90	112	22497	4.751	ug/L	95
52) Ethylbenzene	9.03	91	35146	4.456	ug/L	98
53) m,p-Xylene	9.16	106	13811	4.570	ug/L	97
54) o-xylene	9.57	106	13683	4.680	ug/L	97
55) Styrene	9.58	104	23158	4.562	ug/L	95
56) Isopropylbenzene	9.95	105	37143	4.627	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.26	83	10045	4.328	ug/L	95
59) 1,2,3-Trichloropropane	10.30	75	9710	4.735	ug/L	96
61) Bromoform	9.76	173	4422	3.050	ug/L	91
62) 1,3-Dichlorobenzene	11.20	146	20051	5.035	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	20277	5.027	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	20681	5.207	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.46	75	2502	4.109	ug/L #	72
67) 1,3,5-Trichlorobenzene	12.67	180	15269	4.893	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	12924	4.759	ug/L	98
69) Naphthalene	13.53	128	32205	4.529	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	13291	4.912	ug/L	94

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

