

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018891.D
 Acq On : 14 Oct 2020 13:10
 Operator : SY/MD
 Sample : VSTD00501
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00501

Manual Integrations
 APPROVED

sam
 10/26/2020 6:46:29 PM

Quant Time: Oct 14 14:32:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 14:19:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264525	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12606	7.63	ug/L	0.00
7) Chloroethane-d5	1.58	69	10038	7.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	23351	7.05	ug/L	0.00
21) 2-Butanone-d5	3.94	46	15177	12.43	ug/L	0.03
24) Chloroform-d	4.38	84	22169	6.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	14219	6.45	ug/L	0.00
32) Benzene-d6	5.08	84	41883	6.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	13133	6.32	ug/L	0.00
41) Toluene-d8	7.34	98	34967	5.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	5599	5.08	ug/L	0.01
47) 2-Hexanone-d5	8.12	63	6668	8.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	13564	5.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	14911	5.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12971	6.973	ug/L 98
3) Chloromethane	1.25	50	14407	7.090	ug/L 97
5) Vinyl chloride	1.32	62	13914	6.659	ug/L 98
6) Bromomethane	1.53	94	8275	5.941	ug/L 100
8) Chloroethane	1.60	64	7915	6.158	ug/L 100
9) Trichlorofluoromethane	1.77	101	18528	6.060	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9605	5.643	ug/L 98
12) 1,1-Dichloroethene	2.13	96	9572	5.787	ug/L 93
13) Acetone	2.19	43	13365	13.199	ug/L 98
14) Carbon disulfide	2.31	76	33093	6.146	ug/L 97
15) Methyl Acetate	2.45	43	11896	5.980	ug/L 97
16) Methylene chloride	2.52	84	11405	5.759	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	10273	5.466	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	30481	5.273	ug/L 100
19) 1,1-Dichloroethane	3.22	63	19801	5.897	ug/L 97
20) cis-1,2-Dichloroethene	3.95	96	10350	5.199	ug/L 98
22) 2-Butanone	4.02	43	13646m	10.561	ug/L
23) Bromochloromethane	4.29	128	5537	5.115	ug/L 86
25) Chloroform	4.41	83	20276	5.768	ug/L 98
27) 1,2-Dichloroethane	5.16	62	16204	5.870	ug/L 97
29) Cyclohexane	4.70	56	15242	5.113	ug/L 95
30) 1,1,1-Trichloroethane	4.63	97	17324	5.377	ug/L 95
31) Carbon tetrachloride	4.86	117	14249	4.980	ug/L 99
33) Benzene	5.13	78	40383	5.225	ug/L 100
34) Trichloroethene	5.94	95	13404	6.015	ug/L 95
35) Methylcyclohexane	6.16	83	14620	4.990	ug/L 96
37) 1,2-Dichloropropane	6.20	63	10658	5.314	ug/L 99
38) Bromodichloromethane	6.54	83	14046	5.307	ug/L 93
39) cis-1,3-Dichloropropene	7.05	75	14331	4.645	ug/L 97
40) 4-Methyl-2-pentanone	7.25	43	26578	10.111	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	39762	4.789	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	13424	4.397	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	10490	5.383	ug/L	98
46) Tetrachloroethene	8.00	164	8639	4.907	ug/L	95
48) 2-Hexanone	8.17	43	20585	10.007	ug/L	97
49) Dibromochloromethane	8.27	129	10178	4.631	ug/L	90
50) 1,2-Dibromoethane	8.38	107	10586	5.144	ug/L	95
51) Chlorobenzene	8.90	112	28396	5.122	ug/L	100
52) Ethylbenzene	9.04	91	42043	4.562	ug/L	97
53) m,p-Xylene	9.16	106	15626	4.426	ug/L	94
54) o-xylene	9.57	106	14512	4.333	ug/L	98
55) Styrene	9.59	104	24156	4.133	ug/L	95
56) Isopropylbenzene	9.95	105	37735	4.219	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	12045	4.417	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	13101	5.404	ug/L	99
61) Bromoform	9.76	173	6692	4.505	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	21071	5.039	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	22792	5.270	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	20909	5.018	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	2865	4.982	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	13512	4.693	ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	11730	4.394	ug/L	94
69) Naphthalene	13.53	128	27463	3.590	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	11641	4.322	ug/L	99

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

