

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018892.D
 Acq On : 14 Oct 2020 13:34
 Operator : SY/MD
 Sample : VSTD01002
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01002

Quant Time: Oct 14 14:22:18 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	340522	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333483	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171212	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27665	13.01	ug/L	0.00
7) Chloroethane-d5	1.58	69	22273	12.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	53670	12.59	ug/L	0.00
21) 2-Butanone-d5	3.93	46	37391	23.78	ug/L	0.01
24) Chloroform-d	4.38	84	49457	11.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	33342	11.74	ug/L	0.00
32) Benzene-d6	5.08	84	95888	11.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	30900	11.70	ug/L	0.00
41) Toluene-d8	7.34	98	85051	10.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	14088	10.06	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	17631	17.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32845	9.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	34421	10.41	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	32424	13.541	ug/L 97
3) Chloromethane	1.25	50	34860	13.327	ug/L 98
5) Vinyl chloride	1.32	62	33803	12.567	ug/L 100
6) Bromomethane	1.53	94	20514	11.440	ug/L 98
8) Chloroethane	1.60	64	20676	12.497	ug/L 98
9) Trichlorofluoromethane	1.76	101	46247	11.751	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	23952	10.931	ug/L 99
12) 1,1-Dichloroethene	2.13	96	23649	11.107	ug/L 97
13) Acetone	2.19	43	29557	22.675	ug/L 93
14) Carbon disulfide	2.31	76	80681	11.639	ug/L 99
15) Methyl Acetate	2.45	43	29402	11.482	ug/L 95
16) Methylene chloride	2.52	84	28551	11.200	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	25917	10.713	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	78869	10.600	ug/L 99
19) 1,1-Dichloroethane	3.21	63	51458	11.905	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	27020	10.544	ug/L 98
22) 2-Butanone	4.01	43	37073	22.288	ug/L 99
23) Bromochloromethane	4.27	128	14052	10.084	ug/L 92
25) Chloroform	4.41	83	51206	11.316	ug/L 99
27) 1,2-Dichloroethane	5.16	62	41423	11.656	ug/L 100
29) Cyclohexane	4.70	56	40495	10.696	ug/L 99
30) 1,1,1-Trichloroethane	4.64	97	43462	10.620	ug/L 99
31) Carbon tetrachloride	4.86	117	37720	10.380	ug/L 98
33) Benzene	5.13	78	107704	10.972	ug/L 100
34) Trichloroethene	5.94	95	32792	11.586	ug/L 97
35) Methylcyclohexane	6.15	83	37915	10.188	ug/L 98
37) 1,2-Dichloropropane	6.20	63	28233	11.082	ug/L 98
38) Bromodichloromethane	6.53	83	35801	10.650	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	41238	10.523	ug/L 99
40) 4-Methyl-2-pentanone	7.25	43	72848	21.820	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	108625	10.301	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	37921	9.779	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	26935	10.883	ug/L	98
46) Tetrachloroethene	8.00	164	22961	10.269	ug/L	97
48) 2-Hexanone	8.16	43	59864	22.912	ug/L	95
49) Dibromochloromethane	8.27	129	26422	9.465	ug/L	98
50) 1,2-Dibromoethane	8.38	107	27396	10.480	ug/L	100
51) Chlorobenzene	8.90	112	72021	10.229	ug/L	95
52) Ethylbenzene	9.03	91	115784	9.892	ug/L	98
53) m,p-Xylene	9.16	106	42916	9.571	ug/L	94
54) o-xylene	9.57	106	40363	9.488	ug/L	93
55) Styrene	9.58	104	69743	9.396	ug/L	98
56) Isopropylbenzene	9.95	105	108546	9.554	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	32864	9.488	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	34707	11.272	ug/L	96
61) Bromoform	9.75	173	17953	9.272	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	56163	10.305	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	60158	10.672	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	56952	10.486	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	7426	9.907	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	37159	9.901	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	32404	9.312	ug/L	97
69) Naphthalene	13.53	128	79182	7.941	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	32805	9.345	ug/L	100

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

