

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024851.D
 Acq On : 02 Mar 2022 12:34
 Operator : SY/MD
 Sample : VSTD05004
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050204

Quant Time: Mar 03 02:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 01:40:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	265437	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	247149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	121220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	269381	73.449	ug/L	0.00
7) Chloroethane-d5	1.564	69	193836	66.858	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	393628	57.337	ug/L	0.00
21) 2-Butanone-d5	3.899	46	170994	159.066	ug/L	0.00
24) Chloroform-d	4.346	84	401838	54.881	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	215530	53.599	ug/L	0.00
32) Benzene-d6	5.047	84	854702	62.638	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	252634	63.136	ug/L	0.00
41) Toluene-d8	7.313	98	777600	60.965	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	112835	62.831	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	125205	160.663	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	219969	62.684	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	257028	56.316	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	184321	37.060	ug/L	99
3) Chloromethane	1.240	50	175376	39.118	ug/L	100
5) Vinyl chloride	1.310	62	193894	44.607	ug/L	98
6) Bromomethane	1.523	94	115733	40.166	ug/L	98
8) Chloroethane	1.584	64	115833	43.623	ug/L	100
9) Trichlorofluoromethane	1.751	101	254241	38.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	150619	42.492	ug/L	99
12) 1,1-Dichloroethene	2.117	96	140934	42.588	ug/L	78
13) Acetone	2.188	43	82770	77.176	ug/L	100
14) Carbon disulfide	2.291	76	509657	42.923	ug/L	100
15) Methyl Acetate	2.436	43	96647	59.029	ug/L	100
16) Methylene chloride	2.503	84	162264	32.580	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	165052	41.859	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	384971	42.998	ug/L	99
19) 1,1-Dichloroethane	3.188	63	276609	42.585	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	168653	42.067	ug/L	98
22) 2-Butanone	3.986	43	115423	103.131	ug/L	91
23) Bromochloromethane	4.246	128	75921	38.052	ug/L	95
25) Chloroform	4.371	83	282518	39.971	ug/L	98
27) 1,2-Dichloroethane	5.127	62	178738	39.454	ug/L	99
29) Cyclohexane	4.674	56	274583	49.979	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	249025	40.956	ug/L	98
31) Carbon tetrachloride	4.825	117	219005	40.315	ug/L	99
33) Benzene	5.095	78	640500	44.801	ug/L	100
34) Trichloroethene	5.912	95	183836	46.410	ug/L	97
35) Methylcyclohexane	6.127	83	305689	49.121	ug/L	98
37) 1,2-Dichloropropane	6.169	63	155169	46.505	ug/L	100
38) Bromodichloromethane	6.506	83	200185	41.915	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	248168	47.201	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	250718	115.376	ug/L	99
42) Toluene	7.384	91	688981	44.595	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	215222	44.975	ug/L	98

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45) 1,1,2-Trichloroethane	7.837	97	129759	44.666	ug/L	98
46) Tetrachloroethene	7.973	164	120163	35.871	ug/L	99
48) 2-Hexanone	8.140	43	187294	116.921	ug/L	98
49) Dibromochloromethane	8.243	129	143833	39.867	ug/L	99
50) 1,2-Dibromoethane	8.349	107	130377	45.418	ug/L	100
51) Chlorobenzene	8.879	112	423263	40.385	ug/L	99
52) Ethylbenzene	9.011	91	742371	44.594	ug/L	99
53) m,p-Xylene	9.136	106	285015	43.492	ug/L	98
54) o-Xylene	9.542	106	268613	43.220	ug/L	100
55) Styrene	9.558	104	468549	43.850	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	151997	46.415	ug/L	97
59) Bromoform	9.728	173	78363	41.072	ug/L	100
60) Isopropylbenzene	9.927	105	740101	50.035	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	131807	57.851	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	510240	41.403	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	620905	49.081	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	318136	41.642	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	323050	41.558	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	296869	42.338	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	30487	56.399	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	227001	38.385	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	198780	40.774	ug/L	100
71) Naphthalene	13.500	128	531600	57.160	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	185596	42.077	ug/L	99

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

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