

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024852.D
 Acq On : 02 Mar 2022 12:58
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100205

Quant Time: Mar 03 02:36:44 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	269430	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	250272	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123211	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	538981	144.780	ug/L	0.00
7) Chloroethane-d5	1.568	69	382206	129.877	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	777024	111.506	ug/L	0.00
21) 2-Butanone-d5	3.892	46	344360	315.591	ug/L	0.00
24) Chloroform-d	4.346	84	815386	109.710	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	433631	106.239	ug/L	0.00
32) Benzene-d6	5.046	84	1726055	124.917	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	514924	127.079	ug/L	0.00
41) Toluene-d8	7.313	98	1566753	121.303	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.615	79	243105	133.681	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	255721	324.047	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	450226	126.699	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	530302	114.314	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	372140	73.715	ug/L	100
3) Chloromethane	1.240	50	350211	76.958	ug/L	100
5) Vinyl chloride	1.310	62	386018	87.491	ug/L	99
6) Bromomethane	1.523	94	235665	80.576	ug/L	99
8) Chloroethane	1.584	64	227557	84.429	ug/L	99
9) Trichlorofluoromethane	1.751	101	496342	73.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	298578	82.986	ug/L	99
12) 1,1-Dichloroethene	2.114	96	279700	83.268	ug/L	90
13) Acetone	2.191	43	158463	145.563	ug/L	98
14) Carbon disulfide	2.291	76	1033142	85.720	ug/L	99
15) Methyl Acetate	2.436	43	189664	114.124	ug/L	100
16) Methylene chloride	2.503	84	330292	65.335	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	332193	83.000	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	793853	87.353	ug/L	99
19) 1,1-Dichloroethane	3.185	63	560974	85.084	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	349357	85.848	ug/L	97
22) 2-Butanone	3.976	43	246625	217.096	ug/L	91
23) Bromochloromethane	4.243	128	157658	77.848	ug/L	95
25) Chloroform	4.371	83	579367	80.755	ug/L	99
27) 1,2-Dichloroethane	5.127	62	358410	77.942	ug/L	99
29) Cyclohexane	4.673	56	557697	100.244	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	510261	82.874	ug/L	98
31) Carbon tetrachloride	4.825	117	448456	81.524	ug/L	100
33) Benzene	5.095	78	1296378	89.545	ug/L	100
34) Trichloroethene	5.908	95	372784	92.937	ug/L	99
35) Methylcyclohexane	6.130	83	631112	100.147	ug/L	98
37) 1,2-Dichloropropane	6.169	63	315646	93.421	ug/L	100
38) Bromodichloromethane	6.506	83	415626	85.939	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	503989	94.662	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	493149	224.106	ug/L	98
42) Toluene	7.384	91	1396415	89.257	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	458453	94.607	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	264923	90.054	ug/L	99
46) Tetrachloroethene	7.972	164	245936	72.501	ug/L	99
48) 2-Hexanone	8.136	43	364863	224.928	ug/L	96
49) Dibromochloromethane	8.242	129	300986	82.385	ug/L	99
50) 1,2-Dibromoethane	8.349	107	270709	93.127	ug/L	99
51) Chlorobenzene	8.879	112	867189	81.710	ug/L	99
52) Ethylbenzene	9.011	91	1518164	90.057	ug/L	99
53) m,p-Xylene	9.136	106	587827	88.580	ug/L	100
54) o-Xylene	9.541	106	556057	88.353	ug/L	100
55) Styrene	9.558	104	952239	88.006	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	311385	93.901	ug/L	98
59) Bromoform	9.728	173	170073	87.700	ug/L	100
60) Isopropylbenzene	9.927	105	1511624	100.543	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	266030	114.875	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	1065245	85.042	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1284699	99.912	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	661392	85.174	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	655881	83.012	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	603959	84.741	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	65092	118.470	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	481810	80.156	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	426598	86.091	ug/L	99
71) Naphthalene	13.500	128	1118342	118.305	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	390415	87.082	ug/L	100

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

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