

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024850.D
 Acq On : 02 Mar 2022 12:10
 Operator : SY/MD
 Sample : VSTD02503
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025203

Quant Time: Mar 03 01:35:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 01:27:26 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	256579	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	239990	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	119736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136628	38.539	ug/L	0.00
7) Chloroethane-d5	1.564	69	99509	35.508	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	201242	30.325	ug/L	0.00
21) 2-Butanone-d5	3.899	46	82035	78.947	ug/L	0.00
24) Chloroform-d	4.346	84	202909	28.669	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	109533	28.180	ug/L	0.00
32) Benzene-d6	5.047	84	427951	32.298	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	125292	32.246	ug/L	0.00
41) Toluene-d8	7.313	98	386855	31.235	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	54191	31.076	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	61032	80.653	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	113455	33.295	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	126424	28.043	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	91862	19.108	ug/L	100
3) Chloromethane	1.240	50	89715	20.702	ug/L	100
5) Vinyl chloride	1.310	62	96491	22.965	ug/L	100
6) Bromomethane	1.519	94	58075	20.851	ug/L	100
8) Chloroethane	1.584	64	57984	22.591	ug/L	100
9) Trichlorofluoromethane	1.751	101	126138	19.562	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	77098	22.502	ug/L	100
12) 1,1-Dichloroethene	2.114	96	70779	22.127	ug/L	100
13) Acetone	2.191	43	44949m	43.358	ug/L	
14) Carbon disulfide	2.291	76	251230	21.889	ug/L	100
15) Methyl Acetate	2.436	43	47692	30.134	ug/L	100
16) Methylene chloride	2.503	84	81157	16.858	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	80481	21.116	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	191506	22.128	ug/L	100
19) 1,1-Dichloroethane	3.188	63	139122	22.158	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	82305	21.238	ug/L	100
22) 2-Butanone	3.986	43	60740m	56.145	ug/L	
23) Bromochloromethane	4.246	128	37700	19.548	ug/L	100
25) Chloroform	4.375	83	142616	20.874	ug/L	100
27) 1,2-Dichloroethane	5.127	62	88164	20.133	ug/L	100
29) Cyclohexane	4.674	56	133890	25.097	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	125286	21.220	ug/L	100
31) Carbon tetrachloride	4.825	117	107547	20.388	ug/L	100
33) Benzene	5.098	78	321360	23.148	ug/L	100
34) Trichloroethene	5.912	95	91618	23.819	ug/L	100
35) Methylcyclohexane	6.127	83	149893	24.805	ug/L	100
37) 1,2-Dichloropropane	6.172	63	78082	24.100	ug/L	100
38) Bromodichloromethane	6.506	83	100113	21.587	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	115458	22.615	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	126501	59.950	ug/L	100
42) Toluene	7.387	91	338093	22.536	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	104255	22.436	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	66203	23.468	ug/L	100
46) Tetrachloroethene	7.973	164	58909	18.110	ug/L	100
48) 2-Hexanone	8.140	43	95269	61.247	ug/L	100
49) Dibromochloromethane	8.243	129	68578	19.575	ug/L	100
50) 1,2-Dibromoethane	8.352	107	66994	24.034	ug/L	100
51) Chlorobenzene	8.879	112	209714	20.607	ug/L	100
52) Ethylbenzene	9.011	91	363402	22.480	ug/L	100
53) m,p-Xylene	9.136	106	139767	21.964	ug/L	100
54) o-Xylene	9.542	106	132444	21.946	ug/L	100
55) Styrene	9.558	104	227487	21.925	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	76218	23.969	ug/L	100
59) Bromoform	9.728	173	37331	19.809	ug/L	100
60) Isopropylbenzene	9.927	105	362226	24.792	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	68003	30.217	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	245784	20.191	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	300435	24.043	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	158823	21.047	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	158198	20.603	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	147412	21.284	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	14651	27.439	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	110821	18.972	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	95996	19.935	ug/L	100
71) Naphthalene	13.500	128	253927	27.642	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	90105	20.681	ug/L	100

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

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