

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021320\
 Data File : VW014970.D
 Acq On : 13 Feb 2020 09:47
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5301

Manual Integrations
 APPROVED

MMDadoda
 2/14/2020 4:28:36 PM

Quant Time: Feb 13 12:02:18 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M

Quant Title : SFAM01.0

QLast Update : Thu Feb 13 11:44:58 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	605850	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	562116	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	226261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34108	4.10	ug/L	0.00
7) Chloroethane-d5	2.89	69	25507	3.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.02	63	58284	3.97	ug/L	0.00
21) 2-Butanone-d5	7.08	46	15023	4.10	ug/L	0.00
24) Chloroform-d	7.65	84	53682	3.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	31898	4.02	ug/L	0.00
32) Benzene-d6	8.27	84	98398	3.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	34643	3.74	ug/L	0.00
41) Toluene-d8	10.32	98	74611	2.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.57	79	11396	2.44	ug/L	0.00
47) 2-Hexanone-d5	10.92	63	7728	2.41	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	24616	2.45	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	22662	2.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	15699	1.658 ug/L #	89
3) Chloromethane	2.21	50	33922	3.279 ug/L	100
5) Vinyl chloride	2.36	62	41898	3.850 ug/L	97
6) Bromomethane	2.78	94	19006	3.001 ug/L	90
8) Chloroethane	2.93	64	21895	3.487 ug/L	86
9) Trichlorofluoromethane	3.26	101	16134	1.263 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	26175	3.300 ug/L	99
12) 1,1-Dichloroethene	4.04	96	23176	2.962 ug/L	87
13) Acetone	4.12	43	19107	4.517 ug/L	99
14) Carbon disulfide	4.38	76	87614	3.315 ug/L	100
15) Methyl Acetate	4.68	43	15204m	2.326 ug/L	
16) Methylene chloride	4.92	84	35867	3.544 ug/L	96
17) trans-1,2-Dichloroethene	5.42	96	23173m	2.645 ug/L	
18) Methyl tert-butyl Ether	5.42	73	25045	1.035 ug/L #	85
19) 1,1-Dichloroethane	6.21	63	54266	3.627 ug/L	98
20) cis-1,2-Dichloroethene	7.16	96	22873	2.377 ug/L	87
22) 2-Butanone	7.17	43	18208	3.438 ug/L	98
23) Bromochloromethane	7.51	128	10040	2.360 ug/L	93
25) Chloroform	7.67	83	48286	3.262 ug/L	95
27) 1,2-Dichloroethane	8.40	62	35029	3.337 ug/L	98
29) Cyclohexane	7.95	56	38347	2.444 ug/L	98
30) 1,1,1-Trichloroethane	7.87	97	36184	2.869 ug/L	97
31) Carbon tetrachloride	8.07	117	32028	2.880 ug/L	99
33) Benzene	8.32	78	102617	2.864 ug/L	100
34) Trichloroethene	9.09	95	25827	2.825 ug/L	93
35) Methylcyclohexane	9.33	83	38879	2.307 ug/L	96
37) 1,2-Dichloropropane	9.37	63	29357	3.252 ug/L	99
38) Bromodichloromethane	9.64	83	33913	2.934 ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	33815	2.211 ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	30602	3.122 ug/L	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	10.38	91	91120	2.349	ug/L	96
44) trans-1,3-Dichloropropene	10.60	75	28023	2.154	ug/L	92
45) 1,1,2-Trichloroethane	10.79	97	17761	2.284	ug/L	95
46) Tetrachloroethene	10.86	164	16301	2.318	ug/L	91
48) 2-Hexanone	10.96	43	20759	2.761	ug/L	95
49) Dibromochloromethane	11.12	129	17665	2.102	ug/L	99
50) 1,2-Dibromoethane	11.23	107	14986	1.908	ug/L #	99
51) Chlorobenzene	11.66	112	59592	2.424	ug/L	99
52) Ethylbenzene	11.73	91	95742	2.201	ug/L	100
53) m,p-Xylene	11.84	106	31906	1.888	ug/L	95
54) o-Xylene	12.16	106	30087	1.858	ug/L	92
55) Styrene	12.18	104	48005	1.694	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.71	83	22020	2.020	ug/L	92
59) Bromoform	12.35	173	8643	1.807	ug/L #	97
60) Isopropylbenzene	12.46	105	79196	2.197	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	16638	2.365	ug/L	94
62) 1,3,5-Trimethylbenzene	12.94	105	57613	1.931	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	54050	1.831	ug/L	97
64) 1,3-Dichlorobenzene	13.50	146	36715	2.296	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	39263	2.446	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	34137	2.307	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.49	75	3107	1.750	ug/L	90
69) 1,3,5-Trichlorobenzene	14.63	180	23474	2.137	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	15032	1.502	ug/L	99
71) Naphthalene	15.36	128	12347	0.443	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.55	180	13389	1.434	ug/L	91

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

