

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120220\
 Data File : VW017517.D
 Acq On : 02 Dec 2020 10:09
 Operator : SY/VA
 Sample : VSTD00503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005103

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 12:05:41 PM

Quant Time: Dec 02 11:24:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM120220SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 02 11:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	515862	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	477994	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	236369	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34329	6.92	ug/L	0.00
7) Chloroethane-d5	2.89	69	26096	5.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	69664	6.34	ug/L	0.00
21) 2-Butanone-d5	7.09	46	15501	12.55	ug/L	0.00
24) Chloroform-d	7.65	84	71312	6.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	37092	6.68	ug/L	0.00
32) Benzene-d6	8.27	84	135939	6.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	39208	6.35	ug/L	0.00
41) Toluene-d8	10.33	98	121287	5.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	16769	6.13	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	9025	9.53	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	30571	6.28	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	44287	5.83	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	21706	3.770 ug/L	91
3) Chloromethane	2.21	50	21323	4.235 ug/L	98
5) Vinyl chloride	2.37	62	32818	5.246 ug/L	98
6) Bromomethane	2.78	94	21540	4.399 ug/L	94
8) Chloroethane	2.93	64	20113	4.700 ug/L	91
9) Trichlorofluoromethane	3.26	101	29507	5.676 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	35511	5.128 ug/L #	88
12) 1,1-Dichloroethene	4.05	96	33600	5.160 ug/L	86
13) Acetone	4.12	43	12236	11.325 ug/L	93
14) Carbon disulfide	4.39	76	97323	5.361 ug/L	99
15) Methyl Acetate	4.67	43	14528	6.513 ug/L	100
16) Methylene chloride	4.93	84	43092	5.816 ug/L	98
17) trans-1,2-Dichloroethene	5.43	96	35391	5.096 ug/L	88
18) Methyl tert-butyl Ether	5.42	73	39543	5.317 ug/L	99
19) 1,1-Dichloroethane	6.22	63	61545	5.616 ug/L	98
20) cis-1,2-Dichloroethene	7.18	96	38094	5.353 ug/L	84
22) 2-Butanone	7.17	43	20311m	13.766 ug/L	
23) Bromochloromethane	7.51	128	17585	5.235 ug/L	97
25) Chloroform	7.68	83	66088	5.609 ug/L	95
27) 1,2-Dichloroethane	8.40	62	41897	5.898 ug/L	97
29) Cyclohexane	7.96	56	49880	5.051 ug/L	97
30) 1,1,1-Trichloroethane	7.88	97	54540	5.420 ug/L	99
31) Carbon tetrachloride	8.07	117	52999	5.410 ug/L	100
33) Benzene	8.33	78	139069	5.403 ug/L	100
34) Trichloroethene	9.10	95	37766	5.193 ug/L	97
35) Methylcyclohexane	9.34	83	60716	5.053 ug/L	98
37) 1,2-Dichloropropane	9.37	63	33613	5.641 ug/L	98
38) Bromodichloromethane	9.65	83	45395	5.446 ug/L	98
39) cis-1,3-Dichloropropene	10.08	75	49859	5.311 ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	33159	10.776 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	146479	5.161	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	45162	5.595	ug/L	96
45) 1,1,2-Trichloroethane	10.79	97	26508	5.505	ug/L	96
46) Tetrachloroethene	10.87	164	31705	4.847	ug/L	92
48) 2-Hexanone	10.97	43	23073	11.049	ug/L	97
49) Dibromochloromethane	11.13	129	31713	5.339	ug/L	99
50) 1,2-Dibromoethane	11.24	107	25548	5.525	ug/L	95
51) Chlorobenzene	11.66	112	96167	5.066	ug/L	98
52) Ethylbenzene	11.73	91	162640	5.078	ug/L	97
53) m,p-Xylene	11.84	106	61610	4.971	ug/L	96
54) o-Xylene	12.17	106	58018	4.939	ug/L	99
55) Styrene	12.18	104	97773	4.984	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	30366	5.741	ug/L	98
59) Bromoform	12.35	173	17985	5.283	ug/L #	98
60) Isopropylbenzene	12.47	105	159864	5.141	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	22189	5.851	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	123343	4.797	ug/L	96
63) 1,2,4-Trimethylbenzene	13.26	105	126892	5.193	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	77352	5.160	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	80623	5.410	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	68905	5.270	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.49	75	4922	6.106	ug/L	87
69) 1,3,5-Trichlorobenzene	14.63	180	54969	4.992	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	46041	5.193	ug/L	100
71) Naphthalene	15.37	128	69422	4.782	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	39917	5.255	ug/L	99

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

