

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122820\
 Data File : VW017757.D
 Acq On : 28 Dec 2020 11:25
 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
 12/29/2020 11:34:03 AM

Quant Time: Dec 28 13:48:07 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M

Quant Title : SFAM01.0

QLast Update : Mon Dec 28 13:38:32 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	373447	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349108	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	177419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	30176	6.07	ug/L	0.00
7) Chloroethane-d5	2.89	69	26154	6.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	54824	5.45	ug/L	0.00
21) 2-Butanone-d5	7.08	46	12549	10.25	ug/L	0.00
24) Chloroform-d	7.65	84	52176	5.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	29701	5.46	ug/L	0.00
32) Benzene-d6	8.27	84	99483	5.09	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	28469	5.08	ug/L	0.00
41) Toluene-d8	10.32	98	92593	5.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	12851	4.91	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	8393	10.33	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	23308	5.04	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	30490	4.64	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24921	7.875	ug/L	99
3) Chloromethane	2.21	50	19285	6.085	ug/L	97
5) Vinyl chloride	2.36	62	33171	6.965	ug/L	93
6) Bromomethane	2.78	94	26871	8.057	ug/L	97
8) Chloroethane	2.93	64	21362	7.061	ug/L	98
9) Trichlorofluoromethane	3.26	101	22717	5.213	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	25360	5.109	ug/L	98
12) 1,1-Dichloroethene	4.04	96	23939	5.058	ug/L	90
13) Acetone	4.14	43	9697m	10.029	ug/L	
14) Carbon disulfide	4.39	76	71327	5.283	ug/L	100
15) Methyl Acetate	4.67	43	10721	5.411	ug/L #	75
16) Methylene chloride	4.92	84	33318	6.051	ug/L	91
17) trans-1,2-Dichloroethene	5.43	96	26339	5.305	ug/L	97
18) Methyl tert-butyl Ether	5.43	73	34914	5.948	ug/L #	86
19) 1,1-Dichloroethane	6.22	63	45785	5.327	ug/L	98
20) cis-1,2-Dichloroethene	7.17	96	27989	5.283	ug/L	99
22) 2-Butanone	7.17	43	14790	10.140	ug/L	95
23) Bromochloromethane	7.51	128	12653	5.148	ug/L	91
25) Chloroform	7.68	83	49182	5.367	ug/L	98
27) 1,2-Dichloroethane	8.40	62	34529	5.812	ug/L	100
29) Cyclohexane	7.96	56	42350	5.630	ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	41077	5.257	ug/L	97
31) Carbon tetrachloride	8.07	117	38315	5.063	ug/L	98
33) Benzene	8.32	78	103548	5.280	ug/L	100
34) Trichloroethene	9.09	95	28315	5.238	ug/L	91
35) Methylcyclohexane	9.34	83	47955	5.441	ug/L	99
37) 1,2-Dichloropropane	9.37	63	25991	5.445	ug/L #	93
38) Bromodichloromethane	9.65	83	33925	5.068	ug/L	97
39) cis-1,3-Dichloropropene	10.07	75	40056	5.262	ug/L	94
40) 4-Methyl-2-pentanone	10.21	43	29291	10.768	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	112559	5.285	ug/L	99
44) trans-1,3-Dichloropropene	10.61	75	34965	5.121	ug/L	94
45) 1,1,2-Trichloroethane	10.79	97	20086	5.304	ug/L	96
46) Tetrachloroethene	10.86	164	21671	4.875	ug/L	94
48) 2-Hexanone	10.97	43	18004	9.755	ug/L	95
49) Dibromochloromethane	11.13	129	21735	4.657	ug/L	93
50) 1,2-Dibromoethane	11.24	107	19074	5.152	ug/L	99
51) Chlorobenzene	11.66	112	72616	5.184	ug/L	98
52) Ethylbenzene	11.73	91	129356	5.382	ug/L	97
53) m,p-Xylene	11.84	106	47686	5.203	ug/L	94
54) o-Xylene	12.16	106	46214	5.324	ug/L	94
55) Styrene	12.18	104	77135	5.203	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	23192	5.203	ug/L	89
59) Bromoform	12.35	173	11207	4.101	ug/L #	98
60) Isopropylbenzene	12.46	105	125626	5.264	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	18295	5.474	ug/L	96
62) 1,3,5-Trimethylbenzene	12.94	105	101059	5.191	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	102460	5.319	ug/L	97
64) 1,3-Dichlorobenzene	13.50	146	54648	4.885	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	56370	4.968	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	48952	4.810	ug/L	95
68) 1,2-Dibromo-3-chloropropan	14.49	75	3833	5.019	ug/L	95
69) 1,3,5-Trichlorobenzene	14.63	180	37353	4.663	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	34104	5.031	ug/L	99
71) Naphthalene	15.36	128	65645	5.503	ug/L	98
72) 1,2,3-Trichlorobenzene	15.55	180	28228	4.795	ug/L	99

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

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