

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV120220\
 Data File : VW017520.D
 Acq On : 02 Dec 2020 11:20
 Operator : SY/VA
 Sample : VSTD10006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100106

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 12:05:46 PM

Quant Time: Dec 02 11:57:34 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	506459	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	465520	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	231558	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	601976	123.61	ug/L	0.00
7) Chloroethane-d5	2.89	69	454162	104.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	1276970	118.37	ug/L	0.00
21) 2-Butanone-d5	7.08	46	301158	248.45	ug/L	0.00
24) Chloroform-d	7.65	84	1243318	112.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	652929	119.83	ug/L	0.00
32) Benzene-d6	8.27	84	2401698	110.22	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	689657	114.75	ug/L	0.00
41) Toluene-d8	10.32	98	2246033	108.30	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	342778	128.71	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	223283	242.02	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	555087	117.05	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	796872	107.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	368389	65.178	ug/L	91
3) Chloromethane	2.22	50	402692	81.467	ug/L	100
5) Vinyl chloride	2.37	62	536771	87.398	ug/L	98
6) Bromomethane	2.79	94	356476	74.159	ug/L	96
8) Chloroethane	2.93	64	333694	79.421	ug/L	99
9) Trichlorofluoromethane	3.27	101	583619	114.342	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	604405	88.897	ug/L	100
12) 1,1-Dichloroethene	4.05	96	590167	92.317	ug/L	89
13) Acetone	4.14	43	238066	224.423	ug/L	96
14) Carbon disulfide	4.40	76	1640969	92.074	ug/L	99
15) Methyl Acetate	4.68	43	253336	115.681	ug/L	99
16) Methylene chloride	4.92	84	581964	79.999	ug/L	96
17) trans-1,2-Dichloroethene	5.43	96	612675	89.855	ug/L	99
18) Methyl tert-butyl Ether	5.43	73	705395	96.612	ug/L	99
19) 1,1-Dichloroethane	6.22	63	1046264	97.250	ug/L	97
20) cis-1,2-Dichloroethene	7.17	96	665425	95.246	ug/L	97
22) 2-Butanone	7.18	43	343225m	236.945	ug/L	
23) Bromochloromethane	7.52	128	307661	93.284	ug/L	97
25) Chloroform	7.68	83	1110372	95.996	ug/L	99
27) 1,2-Dichloroethane	8.40	62	715609	102.617	ug/L	99
29) Cyclohexane	7.96	56	947296	98.503	ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	935144	95.427	ug/L	99
31) Carbon tetrachloride	8.07	117	931656	97.656	ug/L	99
33) Benzene	8.32	78	2338359	93.290	ug/L	100
34) Trichloroethene	9.09	95	653100	92.204	ug/L	96
35) Methylcyclohexane	9.34	83	1084144	92.649	ug/L	99
37) 1,2-Dichloropropane	9.37	63	573558	98.835	ug/L	100
38) Bromodichloromethane	9.65	83	823942	101.504	ug/L	96
39) cis-1,3-Dichloropropene	10.07	75	977039	106.862	ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	678407	226.371	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	2595857	93.905	ug/L	98
44) trans-1,3-Dichloropropene	10.61	75	873578	111.122	ug/L	98
45) 1,1,2-Trichloroethane	10.79	97	459232	97.923	ug/L	98
46) Tetrachloroethene	10.87	164	545582	85.641	ug/L	99
48) 2-Hexanone	10.97	43	489635	240.762	ug/L	98
49) Dibromochloromethane	11.13	129	598938	103.540	ug/L	96
50) 1,2-Dibromoethane	11.24	107	463797	102.995	ug/L	92
51) Chlorobenzene	11.66	112	1694428	91.654	ug/L	98
52) Ethylbenzene	11.73	91	2959608	94.878	ug/L	100
53) m,p-Xylene	11.84	106	1143646	94.741	ug/L	91
54) o-Xylene	12.17	106	1080287	94.432	ug/L	95
55) Styrene	12.18	104	1859537	97.321	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	533216	103.502	ug/L	97
59) Bromoform	12.35	173	360472	108.088	ug/L	99
60) Isopropylbenzene	12.47	105	2970204	97.506	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	389074	104.730	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	2509621	99.628	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	2470371	103.209	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	1376450	93.727	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	1342444	91.947	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	1218713	95.150	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.49	75	91554	115.937	ug/L	92
69) 1,3,5-Trichlorobenzene	14.63	180	1011914	93.810	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	869402	100.093	ug/L	100
71) Naphthalene	15.36	128	1554869	109.323	ug/L	100
72) 1,2,3-Trichlorobenzene	15.56	180	754898	101.455	ug/L	97

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

