

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\W120220\
 Data File : VW017518.D
 Acq On : 02 Dec 2020 10:33
 Operator : SY/VA
 Sample : VSTD02504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025104

Quant Time: Dec 02 11:12:43 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	491134	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	454052	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	226012	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	152500	32.29	ug/L	0.00
7) Chloroethane-d5	2.89	69	118055	27.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	316694	30.27	ug/L	0.00
21) 2-Butanone-d5	7.08	46	82134	69.87	ug/L	0.00
24) Chloroform-d	7.65	84	314450	29.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	168097	31.81	ug/L	0.00
32) Benzene-d6	8.27	84	611023	28.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	175434	29.93	ug/L	0.00
41) Toluene-d8	10.33	98	573793	28.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	83368	32.09	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	55969	62.20	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	145752	31.51	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	199209	27.41	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	78919	14.399	ug/L 100
3) Chloromethane	2.21	50	90635	18.908	ug/L 100
5) Vinyl chloride	2.37	62	137245	23.044	ug/L 100
6) Bromomethane	2.78	94	94624	20.299	ug/L 100
8) Chloroethane	2.93	64	88504	21.722	ug/L 100
9) Trichlorofluoromethane	3.27	101	132854	26.841	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	154345	23.410	ug/L 100
12) 1,1-Dichloroethene	4.04	96	148683	23.984	ug/L 100
13) Acetone	4.13	43	70937	68.959	ug/L 100
14) Carbon disulfide	4.39	76	416148	24.078	ug/L 100
15) Methyl Acetate	4.67	43	67940	31.992	ug/L 100
16) Methylene chloride	4.92	84	155602	22.057	ug/L 100
17) trans-1,2-Dichloroethene	5.43	96	156066	23.603	ug/L 100
18) Methyl tert-butyl Ether	5.43	73	185680	26.225	ug/L 100
19) 1,1-Dichloroethane	6.23	63	271492	26.023	ug/L 100
20) cis-1,2-Dichloroethene	7.17	96	170232	25.127	ug/L 100
22) 2-Butanone	7.17	43	94201	67.061	ug/L 100
23) Bromochloromethane	7.52	128	78935	24.680	ug/L 100
25) Chloroform	7.68	83	289631	25.821	ug/L 100
27) 1,2-Dichloroethane	8.40	62	187008	27.653	ug/L 100
29) Cyclohexane	7.96	56	238216	25.396	ug/L 100
30) 1,1,1-Trichloroethane	7.88	97	244043	25.532	ug/L 100
31) Carbon tetrachloride	8.07	117	237010	25.471	ug/L 100
33) Benzene	8.33	78	612454	25.051	ug/L 100
34) Trichloroethene	9.10	95	166440	24.091	ug/L 100
35) Methylcyclohexane	9.34	83	275590	24.146	ug/L 100
37) 1,2-Dichloropropane	9.37	63	150056	26.511	ug/L 100
38) Bromodichloromethane	9.65	83	212305	26.815	ug/L 100
39) cis-1,3-Dichloropropene	10.07	75	241352	27.064	ug/L 100
40) 4-Methyl-2-pentanone	10.21	43	176937	60.531	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	664946	24.662	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	215818	28.146	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	119285	26.078	ug/L	100
46) Tetrachloroethene	10.87	164	138635	22.311	ug/L	100
48) 2-Hexanone	10.97	43	130604	65.842	ug/L	100
49) Dibromochloromethane	11.13	129	152862	27.093	ug/L	100
50) 1,2-Dibromoethane	11.24	107	115263	26.243	ug/L	100
51) Chlorobenzene	11.66	112	433260	24.028	ug/L	100
52) Ethylbenzene	11.73	91	761038	25.013	ug/L	100
53) m,p-Xylene	11.84	106	285378	24.238	ug/L	100
54) o-Xylene	12.16	106	272989	24.466	ug/L	100
55) Styrene	12.18	104	477558	25.625	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	142046	28.269	ug/L	100
59) Bromoform	12.35	173	89913	27.622	ug/L	100
60) Isopropylbenzene	12.47	105	746746	25.116	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	103971	28.674	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	619997	25.217	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	610140	26.116	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	345881	24.130	ug/L	100
65) 1,4-Dichlorobenzene	13.58	146	348462	24.453	ug/L	100
67) 1,2-Dichlorobenzene	13.87	146	313454	25.073	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.49	75	24138	31.316	ug/L	100
69) 1,3,5-Trichlorobenzene	14.63	180	258276	24.531	ug/L	100
70) 1,2,4-trichlorobenzene	15.13	180	213269	25.156	ug/L	100
71) Naphthalene	15.37	128	387045	27.881	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	183636	25.285	ug/L	100

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

