

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033121\
 Data File : VW018507.D
 Acq On : 31 Mar 2021 11:53
 Operator : SY/VA
 Sample : VSTD10004
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100104

Quant Time: Mar 31 12:28:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 31 12:01:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	508837	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	510385	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	275170	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	769695	125.62	ug/L	0.00
7) Chloroethane-d5	2.885	69	593102	123.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1195656	103.23	ug/L	0.00
21) 2-Butanone-d5	7.074	46	353035	272.21	ug/L	0.00
24) Chloroform-d	7.647	84	1304453	104.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	761500	116.91	ug/L	0.00
32) Benzene-d6	8.275	84	2471256	92.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	718033	96.17	ug/L	0.00
41) Toluene-d8	10.323	98	2509616	98.11	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	395484	115.28	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	316239	255.46	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	732139	116.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	921312	94.36	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	603962	97.88	ug/L	96
3) Chloromethane	2.221	50	727693	140.11	ug/L	99
5) Vinyl chloride	2.367	62	974873	128.27	ug/L	97
6) Bromomethane	2.782	94	679379	128.82	ug/L	97
8) Chloroethane	2.922	64	575929	133.10	ug/L	98
9) Trichlorofluoromethane	3.257	101	509490	106.53	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	666094	100.36	ug/L	98
12) 1,1-Dichloroethene	4.050	96	659636	101.71	ug/L	98
13) Acetone	4.117	43	224159	249.17	ug/L	92
14) Carbon disulfide	4.391	76	2015565	100.95	ug/L	100
15) Methyl Acetate	4.666	43	295972	126.47	ug/L	96
16) Methylene chloride	4.916	84	653491	91.69	ug/L	94
17) trans-1,2-Dichloroethene	5.422	96	714249	102.84	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	883864	121.81	ug/L	97
19) 1,1-Dichloroethane	6.214	63	1206877	108.74	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	763503	105.41	ug/L	96
22) 2-Butanone	7.165	43	394077	271.43	ug/L	96
23) Bromochloromethane	7.513	128	365145	107.08	ug/L	87
25) Chloroform	7.671	83	1302134	107.82	ug/L	99
27) 1,2-Dichloroethane	8.403	62	939260	123.48	ug/L	99
29) Cyclohexane	7.958	56	1084740	101.96	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	1052046	98.56	ug/L	98
31) Carbon tetrachloride	8.073	117	1042300	101.24	ug/L	100
33) Benzene	8.323	78	2777191	97.93	ug/L	100
34) Trichloroethene	9.092	95	773942	97.71	ug/L	92
35) Methylcyclohexane	9.335	83	1322708	100.83	ug/L	97
37) 1,2-Dichloropropane	9.366	63	667105	100.47	ug/L	99
38) Bromodichloromethane	9.646	83	994880	106.82	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	1203170	112.42	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	924939	259.12	ug/L	95
42) Toluene	10.390	91	3294006	104.89	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	1129041	120.76	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	593116	109.16	ug/L	99
46) Tetrachloroethene	10.866	164	614118	89.87	ug/L	93
48) 2-Hexanone	10.969	43	655077	267.27	ug/L	95
49) Dibromochloromethane	11.128	129	748367	112.28	ug/L	100
50) 1,2-Dibromoethane	11.238	107	613503	114.99	ug/L	95
51) Chlorobenzene	11.658	112	2128352	102.25	ug/L	98
52) Ethylbenzene	11.731	91	3724057	104.82	ug/L	97
53) m,p-Xylene	11.841	106	1446137	105.87	ug/L	99
54) o-Xylene	12.164	106	1443162	110.88	ug/L	100
55) Styrene	12.182	104	2460425	111.30	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	745251	118.14	ug/L	97
59) Bromoform	12.347	173	471766	118.12	ug/L	99
60) Isopropylbenzene	12.463	105	3734945	102.14	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	558476	116.11	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	3243873	105.55	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	3310688	107.72	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1656029	94.98	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	1686578	96.71	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	1531559	98.09	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	140036	131.46	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	1181701	89.59	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	996017	92.07	ug/L	100
71) Naphthalene	15.359	128	2283933	115.46	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	906164	95.00	ug/L	98

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

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