

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033121\
 Data File : VW018506.D
 Acq On : 31 Mar 2021 11:29
 Operator : SY/VA
 Sample : VSTD05003
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050103

Quant Time: Mar 31 12:11:17 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	453875	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	443064	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	240863	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	396512	72.55	ug/L	0.00
7) Chloroethane-d5	2.891	69	307567	71.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	591927	57.29	ug/L	0.00
21) 2-Butanone-d5	7.080	46	166095	143.58	ug/L	0.00
24) Chloroform-d	7.647	84	642127	57.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	377683	65.01	ug/L	0.00
32) Benzene-d6	8.275	84	1221570	52.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	355858	54.91	ug/L	0.00
41) Toluene-d8	10.323	98	1235556	55.64	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	190834	64.08	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	150326	139.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	355523	65.03	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	427578	50.03	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	266425	48.40	ug/L	90
3) Chloromethane	2.221	50	348158	75.15	ug/L	98
5) Vinyl chloride	2.367	62	512539	75.61	ug/L	100
6) Bromomethane	2.782	94	346437	73.64	ug/L	95
8) Chloroethane	2.928	64	297166	76.99	ug/L	99
9) Trichlorofluoromethane	3.257	101	236421	55.42	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	333318	56.30	ug/L	97
12) 1,1-Dichloroethene	4.050	96	318952	55.13	ug/L	95
13) Acetone	4.117	43	107419	133.86	ug/L	95
14) Carbon disulfide	4.391	76	987564	55.45	ug/L	99
15) Methyl Acetate	4.672	43	142322	68.18	ug/L	96
16) Methylene chloride	4.922	84	323837	50.94	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	351769	56.78	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	441770	68.25	ug/L	98
19) 1,1-Dichloroethane	6.214	63	596456	60.25	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	372429	57.64	ug/L	98
22) 2-Butanone	7.165	43	186444	143.97	ug/L	96
23) Bromochloromethane	7.513	128	172267	56.63	ug/L	92
25) Chloroform	7.677	83	646267	60.00	ug/L	100
27) 1,2-Dichloroethane	8.403	62	466986	68.83	ug/L	99
29) Cyclohexane	7.958	56	546335	59.16	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	530767	57.28	ug/L	98
31) Carbon tetrachloride	8.067	117	509184	56.97	ug/L	99
33) Benzene	8.323	78	1385471	56.28	ug/L	100
34) Trichloroethene	9.092	95	383482	55.77	ug/L	94
35) Methylcyclohexane	9.335	83	668455	58.70	ug/L	98
37) 1,2-Dichloropropane	9.366	63	334570	58.05	ug/L	99
38) Bromodichloromethane	9.646	83	491740	60.82	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	579216	62.34	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	439075	141.70	ug/L	95
42) Toluene	10.390	91	1642697	60.26	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	542185	66.80	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	280412	59.45	ug/L	98
46) Tetrachloroethene	10.860	164	285328	48.10	ug/L	90
48) 2-Hexanone	10.969	43	315735	148.39	ug/L	95
49) Dibromochloromethane	11.128	129	346411	59.87	ug/L	97
50) 1,2-Dibromoethane	11.238	107	286847	61.93	ug/L	99
51) Chlorobenzene	11.658	112	1031498	57.09	ug/L	99
52) Ethylbenzene	11.731	91	1856647	60.20	ug/L	98
53) m,p-Xylene	11.841	106	709352	59.82	ug/L	95
54) o-Xylene	12.164	106	684381	60.57	ug/L	98
55) Styrene	12.182	104	1194929	62.27	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	361116	65.94	ug/L	96
59) Bromoform	12.347	173	211323	60.45	ug/L	97
60) Isopropylbenzene	12.463	105	1879570	58.72	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	272813	64.80	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	1604619	59.65	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1619917	60.22	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	829890	54.37	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	812212	53.20	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	751399	54.98	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	66108	70.90	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	579875	50.22	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	500137	52.82	ug/L	100
71) Naphthalene	15.365	128	1097593	63.39	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	441828	52.92	ug/L	98

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

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