

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041421\
 Data File : VW018647.D
 Acq On : 14 Apr 2021 16:17
 Operator : SY/VA
 Sample : VSTD00503
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005103

Quant Time: Apr 15 11:02:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:01:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	611094	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	562417	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	263672	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	45953	4.70	ug/L	0.00
7) Chloroethane-d5	2.892	69	41228	5.17	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	80104	5.13	ug/L	0.00
21) 2-Butanone-d5	7.086	46	19542	9.48	ug/L	0.00
24) Chloroform-d	7.653	84	81241	4.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	45893	4.76	ug/L	0.00
32) Benzene-d6	8.275	84	160780	5.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	47538	5.31	ug/L	0.00
41) Toluene-d8	10.323	98	142731	4.82	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	18258	4.24	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	15794	9.42	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	39158	4.76	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	44914	4.91	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	26897	4.05	ug/L	91
3) Chloromethane	2.215	50	40514	4.84	ug/L	96
5) Vinyl chloride	2.367	62	61525	4.91	ug/L	96
6) Bromomethane	2.788	94	48656	5.38	ug/L	95
8) Chloroethane	2.928	64	37404	5.05	ug/L	96
9) Trichlorofluoromethane	3.263	101	30877	5.27	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40098	4.89	ug/L	97
12) 1,1-Dichloroethene	4.044	96	39244	4.81	ug/L	81
13) Acetone	4.147	43	14741	10.34	ug/L	92
14) Carbon disulfide	4.385	76	122589	5.04	ug/L	98
15) Methyl Acetate	4.684	43	17422	4.89	ug/L	97
16) Methylene chloride	4.916	84	54553	5.92	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	43698	4.97	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	57467	5.10	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	80465	5.25	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	45501	4.90	ug/L	96
22) 2-Butanone	7.177	43	24162	10.73	ug/L	97
23) Bromochloromethane	7.519	128	19978	4.67	ug/L	97
25) Chloroform	7.677	83	81684	4.97	ug/L	96
27) 1,2-Dichloroethane	8.403	62	56012	4.86	ug/L	98
29) Cyclohexane	7.958	56	69864	5.29	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	61290	4.87	ug/L	99
31) Carbon tetrachloride	8.067	117	53472	4.50	ug/L	98
33) Benzene	8.324	78	181469	5.38	ug/L	100
34) Trichloroethene	9.092	95	45887	4.99	ug/L	94
35) Methylcyclohexane	9.336	83	79547	5.07	ug/L	96
37) 1,2-Dichloropropane	9.372	63	45271	5.57	ug/L	100
38) Bromodichloromethane	9.646	83	55245	4.84	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	62751	4.79	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	55663	10.84	ug/L	97
42) Toluene	10.390	91	189560	4.99	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	52924	4.41	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	32896	4.95	ug/L	95
46) Tetrachloroethene	10.866	164	31461	4.60	ug/L	98
48) 2-Hexanone	10.969	43	32946	9.11	ug/L	92
49) Dibromochloromethane	11.128	129	33377	4.34	ug/L	96
50) 1,2-Dibromoethane	11.238	107	31424	4.70	ug/L	99
51) Chlorobenzene	11.658	112	117043	4.85	ug/L	97
52) Ethylbenzene	11.731	91	206917	4.84	ug/L	97
53) m,p-Xylene	11.841	106	74749	4.71	ug/L	91
54) o-Xylene	12.164	106	69514	4.51	ug/L	88
55) Styrene	12.183	104	120844	4.59	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	41091	4.92	ug/L	96
59) Bromoform	12.347	173	17027	4.25	ug/L #	38
60) Isopropylbenzene	12.463	105	191841	5.06	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31567	5.58	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	156473	4.90	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	153780	4.81	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	81614	4.92	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	84639	5.04	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	75071	4.88	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6010	4.56	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	55972	4.64	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	46291	4.57	ug/L	99
71) Naphthalene	15.365	128	94704	4.44	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	39995	4.43	ug/L	98

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

