

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018837.D
 Acq On : 29 Apr 2021 10:45
 Operator : SY/VA
 Sample : VSTD02505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025105

Quant Time: Apr 29 11:48:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 11:46:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	637618	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	574990	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	299234	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	202254	28.42	ug/L	0.00
7) Chloroethane-d5	2.892	69	156051	28.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	406001	28.50	ug/L	0.00
21) 2-Butanone-d5	7.080	46	105979	57.81	ug/L	0.00
24) Chloroform-d	7.653	84	408105	27.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	230108	27.99	ug/L	0.00
32) Benzene-d6	8.275	84	807826	28.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	240543	28.21	ug/L	0.00
41) Toluene-d8	10.323	98	753468	28.38	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	110736	30.17	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	93576	64.87	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	209749	29.73	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	243822	27.56	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	164498	31.58	ug/L	99
3) Chloromethane	2.215	50	128297	26.63	ug/L	100
5) Vinyl chloride	2.367	62	238477	29.20	ug/L	97
6) Bromomethane	2.788	94	160624	28.32	ug/L	100
8) Chloroethane	2.928	64	141643	29.29	ug/L	99
9) Trichlorofluoromethane	3.263	101	182944	29.91	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	209986	28.98	ug/L	97
12) 1,1-Dichloroethene	4.044	96	213528	29.24	ug/L	97
13) Acetone	4.141	43	84503	55.46	ug/L	92
14) Carbon disulfide	4.391	76	642590	30.48	ug/L	100
15) Methyl Acetate	4.678	43	89866	31.14	ug/L	95
16) Methylene chloride	4.922	84	228885	22.69	ug/L	92
17) trans-1,2-Dichloroethene	5.434	96	228294	29.20	ug/L	89
18) Methyl tert-butyl Ether	5.428	73	315685	29.01	ug/L	98
19) 1,1-Dichloroethane	6.220	63	388114	28.85	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	242026	29.52	ug/L	97
22) 2-Butanone	7.177	43	123580	61.80	ug/L	97
23) Bromochloromethane	7.519	128	105010	29.26	ug/L	90
25) Chloroform	7.677	83	409836	29.08	ug/L	98
27) 1,2-Dichloroethane	8.403	62	282842	29.41	ug/L	98
29) Cyclohexane	7.958	56	357188	29.03	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	332898	29.39	ug/L	99
31) Carbon tetrachloride	8.074	117	303945	29.73	ug/L	99
33) Benzene	8.323	78	898729	28.92	ug/L	100
34) Trichloroethene	9.092	95	238888	29.26	ug/L	92
35) Methylcyclohexane	9.335	83	409008	28.56	ug/L	99
37) 1,2-Dichloropropane	9.372	63	217181	29.25	ug/L	99
38) Bromodichloromethane	9.646	83	290746	30.66	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	353575	30.97	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	270104	59.18	ug/L	93
42) Toluene	10.390	91	974908	28.90	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	313753	31.86	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	173796	29.84	ug/L	98
46) Tetrachloroethene	10.866	164	177391	28.81	ug/L	97
48) 2-Hexanone	10.969	43	187474	64.88	ug/L	94
49) Dibromochloromethane	11.128	129	192922	31.59	ug/L	96
50) 1,2-Dibromoethane	11.238	107	169033	30.32	ug/L	95
51) Chlorobenzene	11.658	112	594180	28.85	ug/L	97
52) Ethylbenzene	11.731	91	1069307	28.89	ug/L	97
53) m,p-Xylene	11.841	106	404822	29.45	ug/L	96
54) o-Xylene	12.164	106	384002	29.67	ug/L	93
55) Styrene	12.183	104	654672	30.42	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	213014	30.45	ug/L	99
59) Bromoform	12.347	173	106660	31.60	ug/L	99
60) Isopropylbenzene	12.463	105	1056492	28.20	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	161680	28.82	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	890094	28.64	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	898282	28.99	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	446823	28.01	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	450174	28.00	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	401532	28.10	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	34843	30.74	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	332191	29.07	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	272393	28.79	ug/L	99
71) Naphthalene	15.365	128	589436	30.48	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	231563	28.30	ug/L	97

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

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