

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
 Data File : VW018994.D
 Acq On : 14 May 2021 10:32
 Operator : SY/VA
 Sample : VSTD00501
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005101

Quant Time: May 14 11:27:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 14 11:26:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	601265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	545346	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	270958	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	33629	4.84	ug/L	0.00
7) Chloroethane-d5	2.898	69	33717	5.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	75728	5.56	ug/L	0.00
21) 2-Butanone-d5	7.086	46	15885	10.13	ug/L	0.00
24) Chloroform-d	7.653	84	85676	5.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	44161	5.76	ug/L	0.00
32) Benzene-d6	8.275	84	170957	5.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	49114	5.71	ug/L	0.00
41) Toluene-d8	10.323	98	155280	5.70	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	19458	5.31	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	12321	9.56	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	35766	5.37	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	50999	5.61	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	27904	4.98	ug/L	# 87
3) Chloromethane	2.215	50	28498	5.09	ug/L	98
5) Vinyl chloride	2.367	62	36690	4.28	ug/L	99
6) Bromomethane	2.782	94	33476	5.05	ug/L	97
8) Chloroethane	2.928	64	27345	5.10	ug/L	98
9) Trichlorofluoromethane	3.263	101	27630	4.68	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	40680	5.46	ug/L	96
12) 1,1-Dichloroethene	4.044	96	38107	5.12	ug/L	90
13) Acetone	4.135	43	14011	12.20	ug/L	91
14) Carbon disulfide	4.391	76	103697	4.69	ug/L	98
15) Methyl Acetate	4.678	43	13561	5.29	ug/L	98
16) Methylene chloride	4.916	84	56559	5.84	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	43396	5.39	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	51484	5.05	ug/L	98
19) 1,1-Dichloroethane	6.220	63	77017	5.51	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	44859	5.25	ug/L	99
22) 2-Butanone	7.177	43	19090	10.99	ug/L	99
23) Bromochloromethane	7.519	128	19936	5.31	ug/L	93
25) Chloroform	7.677	83	78185	5.37	ug/L	97
27) 1,2-Dichloroethane	8.403	62	48671	5.25	ug/L	99
29) Cyclohexane	7.958	56	65269	5.42	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	61456	5.39	ug/L	99
31) Carbon tetrachloride	8.074	117	53883	5.19	ug/L	98
33) Benzene	8.330	78	175174	5.51	ug/L	100
34) Trichloroethene	9.092	95	46073	5.50	ug/L	97
35) Methylcyclohexane	9.335	83	77195	5.43	ug/L	98
37) 1,2-Dichloropropane	9.366	63	41715	5.45	ug/L	99
38) Bromodichloromethane	9.646	83	52371	5.19	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	58408	5.02	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	40097	10.22	ug/L	95
42) Toluene	10.390	91	188896	5.42	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	49494	4.94	ug/L	98

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

45) 1,1,2-Trichloroethane	10.786	97	30154	5.30	ug/L	95
46) Tetrachloroethene	10.860	164	35523	5.37	ug/L	93
48) 2-Hexanone	10.969	43	25001	10.04	ug/L	93
49) Dibromochloromethane	11.128	129	31643	4.88	ug/L	98
50) 1,2-Dibromoethane	11.231	107	27538	5.08	ug/L	94
51) Chlorobenzene	11.658	112	117596	5.37	ug/L	98
52) Ethylbenzene	11.731	91	206122	5.40	ug/L	97
53) m,p-Xylene	11.841	106	74940	5.16	ug/L	93
54) o-Xylene	12.164	106	70097	5.10	ug/L	89
55) Styrene	12.183	104	119671	5.10	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	33499	5.06	ug/L	98
59) Bromoform	12.353	173	16132	4.64	ug/L	97
60) Isopropylbenzene	12.463	105	197975	5.43	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	24684	5.24	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	157435	5.23	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	157563	5.22	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	85639	5.30	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	88454	5.38	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	75516	5.20	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4953	5.07	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	63403	5.35	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	51446	5.34	ug/L	98
71) Naphthalene	15.365	128	84626	4.91	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	43924	5.24	ug/L	97

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

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