

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
 Data File : VW018974.D
 Acq On : 12 May 2021 12:56
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5104

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:09:51 PM

Quant Time: May 12 14:49:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 12 14:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	590952	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	542335	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	271605	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	20443	2.78	ug/L	0.00
7) Chloroethane-d5	2.891	69	15504	2.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	36412	2.48	ug/L	0.00
21) 2-Butanone-d5	7.092	46	9006	4.86	ug/L	0.01
24) Chloroform-d	7.647	84	40335	2.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	20779	2.48	ug/L	0.00
32) Benzene-d6	8.275	84	81061	2.70	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	23547	2.65	ug/L	0.00
41) Toluene-d8	10.323	98	72166	2.56	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9383	2.36	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	6983	4.65	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19138	2.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	25842	2.79	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	13834m	2.52	ug/L	
3) Chloromethane	2.215	50	14391	2.71	ug/L	90
5) Vinyl chloride	2.367	62	20988	2.45	ug/L	100
6) Bromomethane	2.782	94	16967	2.78	ug/L	93
8) Chloroethane	2.934	64	12386	2.38	ug/L	93
9) Trichlorofluoromethane	3.263	101	12837	1.96	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	18518m	2.44	ug/L	
12) 1,1-Dichloroethene	4.050	96	17668	2.33	ug/L	83
13) Acetone	4.135	43	7471	5.33	ug/L	90
14) Carbon disulfide	4.391	76	50434	2.23	ug/L	100
15) Methyl Acetate	4.672	43	6168	2.12	ug/L	93
16) Methylene chloride	4.915	84	33731	3.45	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	18846	2.30	ug/L	83
18) Methyl tert-butyl Ether	5.421	73	25608	2.32	ug/L	96
19) 1,1-Dichloroethane	6.220	63	33191	2.35	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	19529	2.27	ug/L	93
22) 2-Butanone	7.177	43	9842	5.02	ug/L	98
23) Bromochloromethane	7.512	128	9085	2.39	ug/L	88
25) Chloroform	7.677	83	35012	2.39	ug/L	95
27) 1,2-Dichloroethane	8.396	62	22834	2.33	ug/L #	91
29) Cyclohexane	7.958	56	27338	2.14	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	26961	2.28	ug/L	100
31) Carbon tetrachloride	8.067	117	24601	2.28	ug/L	100
33) Benzene	8.323	78	76961	2.39	ug/L	100
34) Trichloroethene	9.091	95	19850	2.32	ug/L	94
35) Methylcyclohexane	9.335	83	33005	2.19	ug/L	97
37) 1,2-Dichloropropane	9.372	63	18907	2.45	ug/L	97
38) Bromodichloromethane	9.646	83	23546	2.31	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	26122	2.14	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	20948	4.58	ug/L	95
42) Toluene	10.390	91	81875	2.30	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	22283	2.10	ug/L	99

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

45) 1,1,2-Trichloroethane	10.786	97	14504	2.41	ug/L	96
46) Tetrachloroethene	10.859	164	15450	2.36	ug/L	96
48) 2-Hexanone	10.969	43	11517	3.90	ug/L #	88
49) Dibromochloromethane	11.134	129	15704	2.38	ug/L	93
50) 1,2-Dibromoethane	11.237	107	13672	2.34	ug/L #	94
51) Chlorobenzene	11.658	112	53007	2.42	ug/L	98
52) Ethylbenzene	11.731	91	87029	2.20	ug/L	99
53) m,p-Xylene	11.841	106	32360	2.21	ug/L	95
54) o-Xylene	12.164	106	29699	2.12	ug/L	92
55) Styrene	12.182	104	50184	2.13	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	17274	2.40	ug/L	98
59) Bromoform	12.347	173	7829	2.14	ug/L	98
60) Isopropylbenzene	12.463	105	82672	2.13	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	12928	2.35	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	67207	2.09	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	66381	2.06	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	38578	2.35	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	41137	2.49	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	35850	2.40	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.475	75	2748	2.37	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	28599	2.41	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	23155	2.37	ug/L	98
71) Naphthalene	15.365	128	40388	2.03	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	20784	2.38	ug/L	98

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

