

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060221\
 Data File : VW019094.D
 Acq On : 02 Jun 2021 10:17
 Operator : SY/VA
 Sample : VSTD2.506
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5106

Manual Integrations
 APPROVED

MMDadoda
 6/4/2021 1:14:12 PM

Quant Time: Jun 02 12:10:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 02 12:07:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	657817	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	611052	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	292387	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	23103	2.59	ug/L	0.00
7) Chloroethane-d5	2.891	69	18752	2.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	44552	2.52	ug/L	0.00
21) 2-Butanone-d5	7.092	46	11478m	5.05	ug/L	0.00
24) Chloroform-d	7.653	84	46374	2.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	26104	2.63	ug/L	0.00
32) Benzene-d6	8.275	84	91208	2.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	27651	2.65	ug/L	0.00
41) Toluene-d8	10.323	98	81796	2.55	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	11018	2.33	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7556	4.08	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	21786	2.51	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26648	2.61	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	20283	2.24	ug/L	95
3) Chloromethane	2.215	50	20242	2.44	ug/L	95
5) Vinyl chloride	2.361	62	31666	2.51	ug/L	97
6) Bromomethane	2.782	94	23291	2.53	ug/L	97
8) Chloroethane	2.928	64	17519	2.34	ug/L	100
9) Trichlorofluoromethane	3.263	101	15171	2.22	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	25238m	2.60	ug/L	
12) 1,1-Dichloroethene	4.044	96	22999	2.35	ug/L	97
13) Acetone	4.141	43	13218	5.31	ug/L	91
14) Carbon disulfide	4.391	76	73760	2.39	ug/L	99
15) Methyl Acetate	4.678	43	9963	2.34	ug/L	100
16) Methylene chloride	4.915	84	42936	3.04	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	25962	2.50	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	32491	2.40	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	45156	2.42	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	26180	2.42	ug/L	98
22) 2-Butanone	7.183	43	12661	4.32	ug/L	86
23) Bromochloromethane	7.519	128	11274	2.37	ug/L	85
25) Chloroform	7.677	83	46630	2.49	ug/L	99
27) 1,2-Dichloroethane	8.403	62	31753	2.48	ug/L	99
29) Cyclohexane	7.958	56	38661	2.29	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	36259	2.50	ug/L	99
31) Carbon tetrachloride	8.073	117	32191	2.40	ug/L	100
33) Benzene	8.323	78	102298	2.46	ug/L	100
34) Trichloroethene	9.091	95	27007	2.49	ug/L	97
35) Methylcyclohexane	9.335	83	44070	2.33	ug/L	95
37) 1,2-Dichloropropane	9.372	63	25163	2.46	ug/L	99
38) Bromodichloromethane	9.646	83	31349	2.35	ug/L	88
39) cis-1,3-Dichloropropene	10.073	75	34450	2.15	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	27816	4.50	ug/L	97
42) Toluene	10.390	91	105560	2.36	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	30136	2.12	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	18371	2.37	ug/L	97
46) Tetrachloroethene	10.859	164	19958	2.43	ug/L	98
48) 2-Hexanone	10.969	43	17074	4.03	ug/L	96
49) Dibromochloromethane	11.128	129	19448	2.27	ug/L	97
50) 1,2-Dibromoethane	11.237	107	17557	2.37	ug/L	96
51) Chlorobenzene	11.658	112	67538	2.45	ug/L	93
52) Ethylbenzene	11.731	91	116045	2.35	ug/L	96
53) m,p-Xylene	11.841	106	41083	2.23	ug/L	97
54) o-Xylene	12.170	106	38418	2.19	ug/L	99
55) Styrene	12.182	104	64045	2.15	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	22003	2.30	ug/L	97
59) Bromoform	12.353	173	9973	2.20	ug/L	97
60) Isopropylbenzene	12.463	105	104314	2.32	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	16132	2.40	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	83590	2.28	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	81972	2.21	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	47718	2.43	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	50525	2.54	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	41902	2.34	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.475	75	3312	2.21	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	33970	2.38	ug/L	91
70) 1,2,4-trichlorobenzene	15.133	180	27645	2.30	ug/L	99
71) Naphthalene	15.365	128	49237	2.04	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	24954	2.37	ug/L	97

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

