

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012221\
 Data File : VW017976.D
 Acq On : 22 Jan 2021 14:23
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5104

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 10:43:01 AM

Quant Time: Jan 22 15:50:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM012221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 22 15:49:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	298303	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	272599	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	133194	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	14684	2.89	ug/L	0.00
7) Chloroethane-d5	2.885	69	12307	2.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	23933	2.80	ug/L	0.00
21) 2-Butanone-d5	7.092	46	7013m	5.34	ug/L	0.02
24) Chloroform-d	7.647	84	23488	2.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	12999	2.63	ug/L	0.00
32) Benzene-d6	8.275	84	42341	2.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	11720	2.56	ug/L	0.00
41) Toluene-d8	10.323	98	38743	2.52	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	4603	2.15	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3761	4.38	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	11242	2.55	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	12219	2.49	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	9774	2.68	ug/L	92
3) Chloromethane	2.209	50	12055	3.81	ug/L	99
5) Vinyl chloride	2.361	62	15861	3.05	ug/L	91
6) Bromomethane	2.782	94	13230	2.89	ug/L	97
8) Chloroethane	2.922	64	9964	2.92	ug/L	97
9) Trichlorofluoromethane	3.263	101	9176	2.61	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	12794	3.14	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	11376	2.96	ug/L	94
13) Acetone	4.135	43	5386	6.10	ug/L	70
14) Carbon disulfide	4.385	76	32443	2.95	ug/L	99
15) Methyl Acetate	4.678	43	7051m	3.66	ug/L	
16) Methylene chloride	4.915	84	18394	3.83	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	12088	2.93	ug/L	90
18) Methyl tert-butyl Ether	5.421	73	14072	2.72	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	20752	2.86	ug/L #	92
20) cis-1,2-Dichloroethene	7.171	96	12561	2.86	ug/L	100
22) 2-Butanone	7.177	43	8586	5.84	ug/L	97
23) Bromochloromethane	7.519	128	5664	2.81	ug/L	94
25) Chloroform	7.677	83	22613	2.93	ug/L	97
27) 1,2-Dichloroethane	8.396	62	15642	2.85	ug/L	97
29) Cyclohexane	7.951	56	18451	2.87	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	17830	2.83	ug/L	98
31) Carbon tetrachloride	8.073	117	16612	2.82	ug/L	95
33) Benzene	8.323	78	46172	2.87	ug/L	100
34) Trichloroethene	9.091	95	13283	3.05	ug/L	96
35) Methylcyclohexane	9.335	83	21721	2.91	ug/L	98
37) 1,2-Dichloropropane	9.366	63	11346	2.93	ug/L	98
38) Bromodichloromethane	9.646	83	15273	2.80	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	15119	2.47	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	14769	5.31	ug/L	95
42) Toluene	10.390	91	49256	2.73	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	12513	2.27	ug/L	92

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

45) 1,1,2-Trichloroethane	10.786	97	9414	2.89	ug/L	93
46) Tetrachloroethene	10.866	164	9510	2.85	ug/L	89
48) 2-Hexanone	10.969	43	8440	4.34	ug/L #	91
49) Dibromochloromethane	11.128	129	9278	2.49	ug/L	89
50) 1,2-Dibromoethane	11.231	107	8697	2.70	ug/L #	96
51) Chlorobenzene	11.658	112	31858	2.77	ug/L	97
52) Ethylbenzene	11.731	91	54359	2.66	ug/L	98
53) m,p-Xylene	11.841	106	20546	2.59	ug/L	94
54) o-Xylene	12.164	106	18900	2.54	ug/L	97
55) Styrene	12.182	104	31334	2.44	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	11409	2.71	ug/L #	98
59) Bromoform	12.347	173	5280	2.68	ug/L #	95
60) Isopropylbenzene	12.463	105	52189	2.69	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	8959	3.03	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	39383	2.55	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	39044	2.50	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	22393	2.69	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	23227	2.80	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	20491	2.72	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.487	75	1753	2.51	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	15686	2.79	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	13540	2.80	ug/L	99
71) Naphthalene	15.365	128	27004	2.41	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	12313	2.85	ug/L	95

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

