

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012221\
 Data File : VW017977.D
 Acq On : 22 Jan 2021 14:46
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005105

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 10:43:02 AM

Quant Time: Jan 22 15:50:56 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	8.841	114	303664	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	278833	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	141010	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29633	5.72	ug/L	0.00
7) Chloroethane-d5	2.885	69	24465	5.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	46977	5.40	ug/L	0.00
21) 2-Butanone-d5	7.080	46	13095	9.80	ug/L	0.00
24) Chloroform-d	7.647	84	44286	5.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	26276	5.22	ug/L	0.00
32) Benzene-d6	8.275	84	84777	5.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	24023	5.12	ug/L	0.00
41) Toluene-d8	10.323	98	77785	4.95	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9558	4.37	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	8041	9.15	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	23270	5.16	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	24738	4.75	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	20303	5.48	ug/L	98
3) Chloromethane	2.209	50	19694	6.12	ug/L	93
5) Vinyl chloride	2.361	62	30235	5.71	ug/L	97
6) Bromomethane	2.769	94	29661	6.37	ug/L	96
8) Chloroethane	2.916	64	19812	5.71	ug/L	93
9) Trichlorofluoromethane	3.257	101	17631	4.92	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	24577	5.92	ug/L	97
12) 1,1-Dichloroethene	4.037	96	22048	5.64	ug/L	84
13) Acetone	4.129	43	10293m	11.45	ug/L	
14) Carbon disulfide	4.385	76	62972	5.62	ug/L	97
15) Methyl Acetate	4.678	43	11678	5.96	ug/L	96
16) Methylene chloride	4.921	84	27712	5.67	ug/L	89
17) trans-1,2-Dichloroethene	5.427	96	23102	5.50	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	25885	4.92	ug/L #	80
19) 1,1-Dichloroethane	6.214	63	39250	5.31	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	23177	5.18	ug/L	97
22) 2-Butanone	7.183	43	15666	10.47	ug/L	98
23) Bromochloromethane	7.512	128	10831	5.28	ug/L	96
25) Chloroform	7.671	83	42285	5.38	ug/L	100
27) 1,2-Dichloroethane	8.396	62	30451	5.46	ug/L	100
29) Cyclohexane	7.951	56	35533	5.41	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	33395	5.18	ug/L	99
31) Carbon tetrachloride	8.067	117	32547	5.40	ug/L	95
33) Benzene	8.323	78	91937	5.59	ug/L	100
34) Trichloroethene	9.091	95	24664	5.53	ug/L	93
35) Methylcyclohexane	9.335	83	40925	5.36	ug/L	98
37) 1,2-Dichloropropane	9.366	63	22178	5.61	ug/L	99
38) Bromodichloromethane	9.646	83	29323	5.26	ug/L #	89
39) cis-1,3-Dichloropropene	10.073	75	29354	4.68	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	30850	10.84	ug/L	97
42) Toluene	10.390	91	96911	5.25	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	25647	4.54	ug/L	97

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

45) 1,1,2-Trichloroethane	10.786	97	17834	5.36	ug/L	98
46) Tetrachloroethene	10.859	164	18663	5.46	ug/L	91
48) 2-Hexanone	10.969	43	21828	10.97	ug/L	97
49) Dibromochloromethane	11.128	129	18616	4.88	ug/L	99
50) 1,2-Dibromoethane	11.237	107	17295	5.25	ug/L	99
51) Chlorobenzene	11.658	112	62226	5.29	ug/L	98
52) Ethylbenzene	11.731	91	106809	5.10	ug/L	100
53) m,p-Xylene	11.841	106	41102	5.06	ug/L	97
54) o-Xylene	12.164	106	36812	4.83	ug/L	97
55) Styrene	12.182	104	61580	4.70	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	23280	5.40	ug/L	99
59) Bromoform	12.347	173	9766	4.67	ug/L #	95
60) Isopropylbenzene	12.463	105	103295	5.03	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	17320	5.54	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	82075	5.02	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	78692	4.75	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	44463	5.04	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	45501	5.17	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	42476	5.33	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.487	75	3747	5.07	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	30715	5.17	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	24341	4.76	ug/L	96
71) Naphthalene	15.365	128	53029	4.47	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	23046	5.04	ug/L	98

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

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