

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
 Data File : VW018993.D
 Acq On : 14 May 2021 10:09
 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
 5/19/2021 3:57:02 PM

Quant Time: May 14 11:26:51 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	585835	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	523603	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	255513	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	14226	2.10	ug/L	0.00
7) Chloroethane-d5	2.892	69	16809	3.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	38993	2.94	ug/L	0.00
21) 2-Butanone-d5	7.092	46	7985	5.23	ug/L	0.01
24) Chloroform-d	7.647	84	42575	2.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	22507	3.01	ug/L	0.00
32) Benzene-d6	8.275	84	86736	3.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	25221	3.05	ug/L	0.00
41) Toluene-d8	10.323	98	79468	3.04	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9965	2.83	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	5918	4.78	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	17538	2.74	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	25730	3.00	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	13906	2.55	ug/L	100
3) Chloromethane	2.215	50	14002	2.56	ug/L	99
5) Vinyl chloride	2.367	62	14697	1.76	ug/L	96
6) Bromomethane	2.782	94	16268	2.52	ug/L	94
8) Chloroethane	2.928	64	13471	2.58	ug/L	95
9) Trichlorofluoromethane	3.263	101	13816	2.40	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	20072	2.77	ug/L #	82
12) 1,1-Dichloroethene	4.038	96	18619	2.57	ug/L	86
13) Acetone	4.147	43	9895m	8.84	ug/L	
14) Carbon disulfide	4.391	76	46541	2.16	ug/L	99
15) Methyl Acetate	4.678	43	7394m	2.96	ug/L	
16) Methylene chloride	4.922	84	36939	3.91	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	21277	2.71	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	24551	2.47	ug/L	95
19) 1,1-Dichloroethane	6.214	63	37234	2.73	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	22253	2.67	ug/L	97
22) 2-Butanone	7.177	43	9945	5.88	ug/L	99
23) Bromochloromethane	7.513	128	9234	2.53	ug/L #	88
25) Chloroform	7.671	83	38365	2.71	ug/L	99
27) 1,2-Dichloroethane	8.403	62	23389	2.59	ug/L	97
29) Cyclohexane	7.952	56	31068	2.69	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	29664	2.71	ug/L	99
31) Carbon tetrachloride	8.067	117	26724	2.68	ug/L	98
33) Benzene	8.324	78	84284	2.76	ug/L	100
34) Trichloroethene	9.092	95	21851	2.71	ug/L	96
35) Methylcyclohexane	9.336	83	38101	2.79	ug/L	98
37) 1,2-Dichloropropane	9.366	63	20925	2.85	ug/L	99
38) Bromodichloromethane	9.646	83	24997	2.58	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	26867	2.41	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	20572	5.46	ug/L	95
42) Toluene	10.390	91	91260	2.73	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	23528	2.45	ug/L	99

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

45) 1,1,2-Trichloroethane	10.786	97	14175	2.59	ug/L	94
46) Tetrachloroethene	10.860	164	17653	2.78	ug/L	93
48) 2-Hexanone	10.969	43	11799	4.94	ug/L	99
49) Dibromochloromethane	11.128	129	14901	2.40	ug/L	89
50) 1,2-Dibromoethane	11.232	107	12717	2.44	ug/L	99
51) Chlorobenzene	11.658	112	56875	2.71	ug/L	98
52) Ethylbenzene	11.731	91	100796	2.75	ug/L	98
53) m,p-Xylene	11.841	106	36628	2.63	ug/L	97
54) o-Xylene	12.164	106	34057	2.58	ug/L	94
55) Styrene	12.183	104	55335	2.45	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	15655	2.46	ug/L	96
59) Bromoform	12.347	173	7472	2.28	ug/L	95
60) Isopropylbenzene	12.463	105	94396	2.74	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	12006	2.70	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	74556	2.63	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	75435	2.65	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	43362	2.84	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	43777	2.82	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	37245	2.72	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.487	75	2550	2.77	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	30983	2.77	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	23648	2.60	ug/L	97
71) Naphthalene	15.365	128	38878	2.39	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	21123	2.67	ug/L	99

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

