

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041421\
 Data File : VW018646.D
 Acq On : 14 Apr 2021 15:53
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5102

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:01:08 PM

Quant Time: Apr 15 11:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:01:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	571218	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	519218	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241467	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	23568	2.58	ug/L	0.00
7) Chloroethane-d5	2.891	69	20394	2.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	40386	2.77	ug/L	0.00
21) 2-Butanone-d5	7.098	46	10532	5.47	ug/L	0.01
24) Chloroform-d	7.653	84	40793	2.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	23383	2.59	ug/L	0.00
32) Benzene-d6	8.281	84	79925	2.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.281	67	24053	2.91	ug/L	0.00
41) Toluene-d8	10.323	98	69589	2.54	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9077	2.28	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7870	5.08	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	20397	2.68	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	22279	2.66	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	16333m	2.63	ug/L	
3) Chloromethane	2.215	50	21998	2.81	ug/L	99
5) Vinyl chloride	2.367	62	30753	2.62	ug/L	95
6) Bromomethane	2.782	94	24083	2.85	ug/L	97
8) Chloroethane	2.934	64	18720	2.70	ug/L	97
9) Trichlorofluoromethane	3.263	101	14899	2.72	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	20833	2.72	ug/L #	62
12) 1,1-Dichloroethene	4.044	96	20200	2.65	ug/L	91
13) Acetone	4.135	43	10340	7.76	ug/L	87
14) Carbon disulfide	4.385	76	59747	2.63	ug/L	99
15) Methyl Acetate	4.684	43	8507	2.55	ug/L #	88
16) Methylene chloride	4.928	84	32157	3.74	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	21325	2.60	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	28780	2.73	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	38947	2.72	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	22007	2.54	ug/L	91
22) 2-Butanone	7.183	43	12405	5.89	ug/L	97
23) Bromochloromethane	7.519	128	9646	2.41	ug/L #	76
25) Chloroform	7.677	83	39308	2.56	ug/L	99
27) 1,2-Dichloroethane	8.403	62	27935	2.59	ug/L #	95
29) Cyclohexane	7.964	56	33882	2.78	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	29633	2.55	ug/L	97
31) Carbon tetrachloride	8.067	117	26563	2.42	ug/L	98
33) Benzene	8.323	78	87188	2.80	ug/L	100
34) Trichloroethene	9.092	95	22814	2.68	ug/L	94
35) Methylcyclohexane	9.341	83	39067	2.70	ug/L	96
37) 1,2-Dichloropropane	9.372	63	22567	3.01	ug/L	99
38) Bromodichloromethane	9.646	83	27472	2.61	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	29382	2.43	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	29854	6.30	ug/L	97
42) Toluene	10.390	91	91335	2.60	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	25446	2.30	ug/L	99

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

45) 1,1,2-Trichloroethane	10.786	97	16620	2.71	ug/L	93
46) Tetrachloroethene	10.866	164	15385	2.44	ug/L	91
48) 2-Hexanone	10.969	43	16866	5.05	ug/L	96
49) Dibromochloromethane	11.128	129	15574	2.19	ug/L	86
50) 1,2-Dibromoethane	11.237	107	15791	2.56	ug/L #	96
51) Chlorobenzene	11.658	112	56976	2.56	ug/L	96
52) Ethylbenzene	11.731	91	99350	2.52	ug/L	94
53) m,p-Xylene	11.841	106	35832	2.45	ug/L	98
54) o-Xylene	12.170	106	33773	2.37	ug/L	95
55) Styrene	12.182	104	55668	2.29	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	20666	2.68	ug/L	97
59) Bromoform	12.353	173	8278	2.26	ug/L #	96
60) Isopropylbenzene	12.463	105	88177	2.54	ug/L	99
61) 1,2,3-Trichloropropane	12.774	75	15806	3.05	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	72694	2.49	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	73582	2.51	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	39489	2.60	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	42916	2.79	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	36415	2.59	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.487	75	3338	2.76	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.627	180	28572	2.59	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	23010	2.48	ug/L	98
71) Naphthalene	15.365	128	47542	2.43	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	20999	2.54	ug/L	98

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

