

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018835.D
 Acq On : 29 Apr 2021 09:58
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5103

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 4:52:12 PM

Quant Time: Apr 29 11:47:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 11:46:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	661910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	602601	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	281565	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	21110	2.86	ug/L	0.00
7) Chloroethane-d5	2.891	69	15359m	2.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	41861	2.83	ug/L	0.00
21) 2-Butanone-d5	7.092	46	10987	5.77	ug/L	0.01
24) Chloroform-d	7.646	84	43862	2.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	24627	2.89	ug/L	0.00
32) Benzene-d6	8.274	84	86872	2.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	25646	2.87	ug/L	0.00
41) Toluene-d8	10.329	98	77152	2.77	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10213	2.66	ug/L	0.00
47) 2-Hexanone-d5	10.932	63	7495	4.96	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	19761	2.67	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	24096	2.89	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	14573	2.70	ug/L	90
3) Chloromethane	2.215	50	15932	3.19	ug/L	96
5) Vinyl chloride	2.367	62	24081	2.84	ug/L	97
6) Bromomethane	2.781	94	16979	2.88	ug/L	99
8) Chloroethane	2.928	64	13676	2.72	ug/L	99
9) Trichlorofluoromethane	3.269	101	17600	2.77	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	21360	2.84	ug/L	97
12) 1,1-Dichloroethene	4.043	96	21656	2.86	ug/L	99
13) Acetone	4.141	43	10158	6.42	ug/L	81
14) Carbon disulfide	4.391	76	59493	2.72	ug/L	99
15) Methyl Acetate	4.684	43	8044	2.68	ug/L #	84
16) Methylene chloride	4.921	84	39925	3.81	ug/L	97
17) trans-1,2-Dichloroethene	5.433	96	22784	2.81	ug/L	77
18) Methyl tert-butyl Ether	5.427	73	32168	2.85	ug/L	97
19) 1,1-Dichloroethane	6.220	63	39693	2.84	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	23503	2.76	ug/L	96
22) 2-Butanone	7.183	43	10872	5.24	ug/L	96
23) Bromochloromethane	7.518	128	10448	2.80	ug/L	94
25) Chloroform	7.677	83	41251	2.82	ug/L	99
27) 1,2-Dichloroethane	8.396	62	27948	2.80	ug/L #	94
29) Cyclohexane	7.963	56	36482	2.83	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	33048	2.78	ug/L	98
31) Carbon tetrachloride	8.067	117	29337	2.74	ug/L	99
33) Benzene	8.323	78	91531	2.81	ug/L	100
34) Trichloroethene	9.091	95	23710	2.77	ug/L	89
35) Methylcyclohexane	9.335	83	42422	2.83	ug/L	98
37) 1,2-Dichloropropane	9.372	63	21641	2.78	ug/L	99
38) Bromodichloromethane	9.646	83	26492	2.67	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	31131	2.60	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	27295	5.71	ug/L	94
42) Toluene	10.390	91	98400	2.78	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	25991	2.52	ug/L	95

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

45) 1,1,2-Trichloroethane	10.792	97	16902	2.77	ug/L	96
46) Tetrachloroethene	10.859	164	18551	2.87	ug/L	96
48) 2-Hexanone	10.969	43	14921	4.93	ug/L #	88
49) Dibromochloromethane	11.134	129	16486	2.58	ug/L	94
50) 1,2-Dibromoethane	11.237	107	16088	2.75	ug/L	100
51) Chlorobenzene	11.658	112	60870	2.82	ug/L	98
52) Ethylbenzene	11.731	91	108312	2.79	ug/L	97
53) m,p-Xylene	11.841	106	39965	2.77	ug/L	98
54) o-Xylene	12.164	106	37144	2.74	ug/L	97
55) Styrene	12.182	104	59667	2.65	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	19935	2.72	ug/L	96
59) Bromoform	12.347	173	8122	2.56	ug/L	94
60) Isopropylbenzene	12.463	105	101578	2.88	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	15339	2.91	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	82609	2.82	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	82618	2.83	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	44993	3.00	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	44391	2.93	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	39846	2.96	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2933	2.75	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	31077	2.89	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	25045	2.81	ug/L	99
71) Naphthalene	15.365	128	49375	2.71	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	22414	2.91	ug/L	96

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

