

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019389.D
 Acq On : 09 Jul 2021 10:47
 Operator : SY/VA
 Sample : VSTD2.518
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5418

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:45:38 PM

Quant Time: Jul 09 11:58:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 09 11:57:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	537509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	505910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	253493	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	17655	2.384	ug/L	0.00
7) Chloroethane-d5	2.891	69	13650	2.448	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	35993	2.444	ug/L	0.00
21) 2-Butanone-d5	7.092	46	12142m	6.577	ug/L	0.00
24) Chloroform-d	7.653	84	38813	2.573	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	21959	2.799	ug/L	0.00
32) Benzene-d6	8.281	84	76831	2.465	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	24192	2.528	ug/L	0.00
41) Toluene-d8	10.323	98	68350	2.430	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9352	2.431	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8320	5.392	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	20468	2.870	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	24026	2.600	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	15579	2.375	ug/L	93
3) Chloromethane	2.215	50	16369	2.441	ug/L	100
5) Vinyl chloride	2.367	62	22553	2.430	ug/L	95
6) Bromomethane	2.788	94	12925	2.511	ug/L	95
8) Chloroethane	2.928	64	11759	2.328	ug/L	98
9) Trichlorofluoromethane	3.263	101	12870	2.464	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	17432	2.411	ug/L	94
12) 1,1-Dichloroethene	4.044	96	16773	2.300	ug/L	88
13) Acetone	4.141	43	10949	9.094	ug/L	87
14) Carbon disulfide	4.391	76	53540	2.323	ug/L	99
15) Methyl Acetate	4.684	43	9572	3.039	ug/L	96
16) Methylene chloride	4.928	84	40567	4.221	ug/L	92
17) trans-1,2-Dichloroethene	5.434	96	18479	2.350	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	26647	2.711	ug/L	95
19) 1,1-Dichloroethane	6.226	63	34922	2.461	ug/L	93
20) cis-1,2-Dichloroethene	7.177	96	19539	2.358	ug/L	91
22) 2-Butanone	7.189	43	14648	7.388	ug/L	89
23) Bromochloromethane	7.519	128	9211	2.536	ug/L	94
25) Chloroform	7.677	83	35311	2.506	ug/L	99
27) 1,2-Dichloroethane	8.403	62	24021	2.666	ug/L	97
29) Cyclohexane	7.964	56	29370	2.168	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	26011	2.408	ug/L	99
31) Carbon tetrachloride	8.067	117	23656	2.333	ug/L	99
33) Benzene	8.329	78	77462	2.346	ug/L	100
34) Trichloroethene	9.098	95	20238	2.396	ug/L	94
35) Methylcyclohexane	9.335	83	33997	2.278	ug/L	94
37) 1,2-Dichloropropane	9.372	63	20138	2.469	ug/L	100
38) Bromodichloromethane	9.646	83	24213	2.406	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	28385	2.324	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	25228	5.715	ug/L	98
42) Toluene	10.390	91	78933	2.292	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	24911	2.374	ug/L	100

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

45) 1,1,2-Trichloroethane	10.786	97	15197	2.608	ug/L	95
46) Tetrachloroethene	10.866	164	16071	2.491	ug/L	96
48) 2-Hexanone	10.969	43	16617	5.483	ug/L	98
49) Dibromochloromethane	11.128	129	15122	2.351	ug/L	94
50) 1,2-Dibromoethane	11.237	107	14019	2.525	ug/L	97
51) Chlorobenzene	11.658	112	51759	2.400	ug/L	97
52) Ethylbenzene	11.731	91	85429	2.275	ug/L	97
53) m,p-Xylene	11.841	106	31943	2.251	ug/L	91
54) o-Xylene	12.164	106	28706	2.114	ug/L	95
55) Styrene	12.182	104	49812	2.164	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	18709	2.691	ug/L	96
59) Bromoform	12.347	173	8510	2.406	ug/L	96
60) Isopropylbenzene	12.463	105	79277	2.189	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	14684	2.835	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	62842	2.075	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	64940	2.154	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	39518	2.439	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	39257	2.458	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	35570	2.488	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2970	2.683	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	28395	2.402	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	22265	2.299	ug/L	93
71) Naphthalene	15.365	128	41970	2.240	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	20355	2.409	ug/L	98

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

