

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020081.D
 Acq On : 21 Sep 2021 08:53
 Operator : SY/VA
 Sample : VSTD02554
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025454

Quant Time: Sep 22 04:01:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 03:59:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	321382	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	304460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	163682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	160873	24.468	ug/L	0.00
7) Chloroethane-d5	2.898	69	123854	25.006	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	257736	25.037	ug/L	0.00
21) 2-Butanone-d5	7.080	46	51275	50.538	ug/L	0.00
24) Chloroform-d	7.653	84	251603	24.893	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	136238	25.045	ug/L	0.00
32) Benzene-d6	8.281	84	483600	24.897	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.281	67	137668	24.490	ug/L	0.00
41) Toluene-d8	10.329	98	448855	25.397	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	60703	25.265	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	41006	52.711	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	111563	25.728	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	143323	23.352	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	71570	25.425	ug/L	100
3) Chloromethane	2.221	50	95441	24.520	ug/L	100
5) Vinyl chloride	2.373	62	172105	28.158	ug/L	100
6) Bromomethane	2.794	94	107207	27.133	ug/L	100
8) Chloroethane	2.934	64	102483	27.728	ug/L	100
9) Trichlorofluoromethane	3.269	101	121299	28.208	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	125351	26.664	ug/L	100
12) 1,1-Dichloroethene	4.044	96	117051	27.457	ug/L	100
13) Acetone	4.123	43	48740	56.092	ug/L	100
14) Carbon disulfide	4.391	76	382838	28.563	ug/L	100
15) Methyl Acetate	4.678	43	45734	27.523	ug/L	100
16) Methylene chloride	4.928	84	124451	21.946	ug/L	100
17) trans-1,2-Dichloroethene	5.434	96	122360	27.252	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	145492	27.296	ug/L	100
19) 1,1-Dichloroethane	6.226	63	218475	26.381	ug/L	100
20) cis-1,2-Dichloroethene	7.177	96	122075	26.734	ug/L	100
22) 2-Butanone	7.171	43	62557	55.492	ug/L	100
23) Bromochloromethane	7.519	128	55212	26.673	ug/L	100
25) Chloroform	7.683	83	229653	26.518	ug/L	100
27) 1,2-Dichloroethane	8.403	62	154285	27.072	ug/L	100
29) Cyclohexane	7.964	56	193134	28.508	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	200384	26.561	ug/L	100
31) Carbon tetrachloride	8.073	117	182967	26.655	ug/L	100
33) Benzene	8.330	78	498593	27.135	ug/L	100
34) Trichloroethene	9.098	95	129192	26.265	ug/L	100
35) Methylcyclohexane	9.342	83	229096	28.585	ug/L	100
37) 1,2-Dichloropropane	9.372	63	121680	26.736	ug/L	100
38) Bromodichloromethane	9.646	83	160931	26.112	ug/L	100
39) cis-1,3-Dichloropropene	10.079	75	180310	26.861	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	128697	56.148	ug/L	100
42) Toluene	10.390	91	544096	27.872	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	165991	27.530	ug/L	100

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

45) 1,1,2-Trichloroethane	10.786	97	88287	26.456	ug/L	100
46) Tetrachloroethene	10.866	164	99325	26.125	ug/L	100
48) 2-Hexanone	10.969	43	93161	58.347	ug/L	100
49) Dibromochloromethane	11.128	129	101744	26.092	ug/L	100
50) 1,2-Dibromoethane	11.238	107	83806	26.685	ug/L	100
51) Chlorobenzene	11.658	112	335865	26.453	ug/L	100
52) Ethylbenzene	11.731	91	591183	27.495	ug/L	100
53) m,p-Xylene	11.841	106	230929	28.172	ug/L	100
54) o-Xylene	12.170	106	210872	27.809	ug/L	100
55) Styrene	12.182	104	377500	28.651	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	106668	26.761	ug/L	100
59) Bromoform	12.353	173	56647	25.383	ug/L	100
60) Isopropylbenzene	12.463	105	587676	26.777	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	79027	25.569	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	487865	27.086	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	485694	27.451	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	254499	25.286	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	255472	24.561	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	228639	24.943	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	17655	25.447	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	170524	24.495	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	131699	24.513	ug/L	100
71) Naphthalene	15.365	128	243825	25.732	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	118724	24.542	ug/L	100

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

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