

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020012.D
 Acq On : 14 Sep 2021 14:45
 Operator : SY/VA
 Sample : VSTD00545
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005445

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:31:16 PM

Quant Time: Sep 14 15:54:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 14 15:49:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	293519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	269708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	138351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	20764	4.469	ug/L	0.00
7) Chloroethane-d5	2.892	69	19301	4.749	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	35126	4.435	ug/L	0.00
21) 2-Butanone-d5	7.086	46	13345	13.350	ug/L	0.00
24) Chloroform-d	7.653	84	38176	4.752	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	23258	5.266	ug/L	0.00
32) Benzene-d6	8.281	84	70099	4.602	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	20745	4.539	ug/L	0.00
41) Toluene-d8	10.323	98	65463	4.675	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9198	4.778	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8361	11.843	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	21570	5.533	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	21603	4.533	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	15954	5.395	ug/L	100
3) Chloromethane	2.221	50	19902	5.418	ug/L	100
5) Vinyl chloride	2.367	62	32759	5.833	ug/L	96
6) Bromomethane	2.782	94	23441	5.688	ug/L	97
8) Chloroethane	2.928	64	20489	5.637	ug/L	94
9) Trichlorofluoromethane	3.270	101	18507	5.200	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	21806	5.268	ug/L	96
12) 1,1-Dichloroethene	4.044	96	19443	4.829	ug/L	93
13) Acetone	4.135	43	14362	16.432	ug/L	91
14) Carbon disulfide	4.391	76	65034	5.036	ug/L	99
15) Methyl Acetate	4.678	43	11489	6.416	ug/L	99
16) Methylene chloride	4.922	84	30190	5.939	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	20680	4.904	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	23725m	4.818	ug/L	
19) 1,1-Dichloroethane	6.226	63	36755	4.921	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	21016	4.944	ug/L	98
22) 2-Butanone	7.183	43	17082	15.059	ug/L	95
23) Bromochloromethane	7.525	128	10096	5.241	ug/L	87
25) Chloroform	7.683	83	38688	4.989	ug/L	100
27) 1,2-Dichloroethane	8.403	62	27680	5.396	ug/L	99
29) Cyclohexane	7.958	56	27559	4.348	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	33462	5.487	ug/L	98
31) Carbon tetrachloride	8.074	117	30420	5.310	ug/L	99
33) Benzene	8.324	78	83409	5.028	ug/L	100
34) Trichloroethene	9.092	95	22031	5.095	ug/L	95
35) Methylcyclohexane	9.342	83	33974	4.585	ug/L	97
37) 1,2-Dichloropropane	9.372	63	20581	5.029	ug/L	99
38) Bromodichloromethane	9.646	83	27510	5.156	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	28671	4.750	ug/L	93
40) 4-Methyl-2-pentanone	10.213	43	28432	12.167	ug/L	97
42) Toluene	10.390	91	84656	4.798	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	26319	4.862	ug/L	92

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

45) 1,1,2-Trichloroethane	10.793	97	16605	5.499	ug/L	95
46) Tetrachloroethene	10.866	164	18128	5.510	ug/L	97
48) 2-Hexanone	10.969	43	20174	12.205	ug/L	99
49) Dibromochloromethane	11.128	129	18266	5.282	ug/L	100
50) 1,2-Dibromoethane	11.238	107	16095	5.615	ug/L	100
51) Chlorobenzene	11.658	112	57206	5.097	ug/L	96
52) Ethylbenzene	11.731	91	89369	4.696	ug/L	99
53) m,p-Xylene	11.841	106	33733	4.610	ug/L	91
54) o-Xylene	12.170	106	30736	4.456	ug/L	100
55) Styrene	12.183	104	52563	4.445	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	22668	5.993	ug/L	99
59) Bromoform	12.353	173	10364	5.395	ug/L	99
60) Isopropylbenzene	12.463	105	82133	4.358	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	16898	5.920	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	64588	4.283	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	63956	4.219	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	41453	4.875	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	43839	5.077	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	37484	4.887	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	3979	6.198	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	28129	4.841	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	21768	4.832	ug/L	100
71) Naphthalene	15.365	128	41460	4.529	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	20417	4.889	ug/L	98

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

