

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
 Data File : VW020809.D
 Acq On : 08 Nov 2021 14:31
 Operator : SY/VA
 Sample : M4464-05
 Misc : 3.69g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7K3

Quant Time: Nov 15 01:26:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 15 00:29:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	180301	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	158909	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	67168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46952	27.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.800%	
7) Chloroethane-d5	2.879	69	25123	26.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.120%	
11) 1,1-Dichloroethene-d2	4.025	63	110470	31.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 124.200%#	
21) 2-Butanone-d5	7.080	46	30533	54.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.460%	
24) Chloroform-d	7.647	84	92856	23.178	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 92.720%	
26) 1,2-Dichloroethane-d4	8.305	65	54262	25.443	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.760%	
32) Benzene-d6	8.275	84	186345	25.955	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.800%	
36) 1,2-Dichloropropane-d6	9.274	67	56691	25.504	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.000%	
41) Toluene-d8	10.329	98	175999	25.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.800%	
43) trans-1,3-Dichloroprop...	10.579	79	29814	27.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.160%	
47) 2-Hexanone-d5	10.921	63	27003	60.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.080%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	49579	26.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.640%	
66) 1,2-Dichlorobenzene-d4	13.853	152	54097	25.628	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.520%	
Target Compounds						
						Qvalue
5) Vinyl chloride	2.355	62	143909	51.864	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	124933	51.617	ug/L	90
12) 1,1-Dichloroethene	4.038	96	108564	47.064	ug/L #	73
13) Acetone	4.117	43	43434	82.898	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	2494	1.017	ug/L	85
19) 1,1-Dichloroethane	6.214	63	579093	136.362	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	4293115	1660.915	ug/L	76
25) Chloroform	7.671	83	2708	0.613	ug/L	86
27) 1,2-Dichloroethane	8.397	62	10590	3.700	ug/L #	94
29) Cyclohexane	7.952	56	32386	7.811	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	1035182	274.123	ug/L	95
33) Benzene	8.323	78	23821	2.503	ug/L	100
34) Trichloroethene	9.092	95	61336	24.212	ug/L	93
35) Methylcyclohexane	9.335	83	46729	10.570	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	15001	10.187	ug/L #	95
42) Toluene	10.390	91	16280819	1590.856	ug/L	89
45) 1,1,2-Trichloroethane	10.762	97	3888	2.325	ug/L #	27
46) Tetrachloroethene	10.860	164	38964	17.148	ug/L	94
52) Ethylbenzene	11.725	91	241388	21.052	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	11.835	106	390324	84.962	ug/L	94
54) o-Xylene	12.164	106	116900	26.862	ug/L	99
60) Isopropylbenzene	12.463	105	39132	4.227	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	163474	20.549	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	688529	87.127	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	9530	2.229	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	117397	30.962	ug/L	98

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

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