

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Dec 02 01:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							12/05/2021
1) 1,4-Difluorobenzene	8.841	114	1267	25.000	ug/L	# 0.00	Supervised By : Amit Patel
28) Chlorobenzene-d5	11.627	117	652	25.000	ug/L	# 0.00	
58) 1,4-Dichlorobenzene-d4	13.560	152	284m	25.000	ug/L	0.00	
System Monitoring Compounds							12/07/2021
4) Vinyl Chloride-d3	2.361	65	344	23.407	ug/L	0.00	
Spiked Amount	25.000	Range 30 - 150	Recovery	=	93.640%		
7) Chloroethane-d5	2.897	69	309	32.600	ug/L	0.00	
Spiked Amount	25.000	Range 30 - 150	Recovery	=	130.400%		
11) 1,1-Dichloroethene-d2	4.025	63	543m	19.096	ug/L	0.00	
Spiked Amount	25.000	Range 45 - 110	Recovery	=	76.400%		
21) 2-Butanone-d5	7.098	46	46	12.540	ug/L	0.02	
Spiked Amount	50.000	Range 20 - 135	Recovery	=	25.080%		
24) Chloroform-d	7.659	84	778	24.370	ug/L	0.00	
Spiked Amount	25.000	Range 40 - 150	Recovery	=	97.480%		
26) 1,2-Dichloroethane-d4	8.317	65	348	21.476	ug/L	0.01	
Spiked Amount	25.000	Range 70 - 130	Recovery	=	85.920%		
32) Benzene-d6	8.280	84	1250	36.376	ug/L	0.00	
Spiked Amount	25.000	Range 20 - 135	Recovery	=	145.520%#		
36) 1,2-Dichloropropane-d6	9.268	67	441m	45.067	ug/L	0.00	
Spiked Amount	25.000	Range 70 - 120	Recovery	=	180.280%#		
41) Toluene-d8	10.329	98	887	26.006	ug/L	0.00	
Spiked Amount	25.000	Range 30 - 130	Recovery	=	104.040%		
43) trans-1,3-Dichloroprop...	10.579	79	89	19.242	ug/L	0.00	
Spiked Amount	25.000	Range 30 - 135	Recovery	=	76.960%		
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L		
Spiked Amount	50.000	Range 20 - 135	Recovery	=	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	12.700	84	347m	46.290	ug/L	0.00	
Spiked Amount	25.000	Range 45 - 120	Recovery	=	185.160%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	473m	46.729	ug/L	0.00	
Spiked Amount	25.000	Range 75 - 120	Recovery	=	186.920%#		
Target Compounds							Qvalue
5) Vinyl chloride	2.367	62	627	32.517	ug/L	89	
13) Acetone	4.129	43	544m	166.101	ug/L		
17) trans-1,2-Dichloroethene	5.439	96	585	34.192	ug/L #	74	
20) cis-1,2-Dichloroethene	7.177	96	82602	4479.576	ug/L	76	
29) Cyclohexane	7.957	56	130	8.943	ug/L #	65	
33) Benzene	8.329	78	47576	1288.757	ug/L	100	
34) Trichloroethene	9.091	95	43914	4252.893	ug/L	95	
35) Methylcyclohexane	9.341	83	981	57.624	ug/L #	17	
40) 4-Methyl-2-pentanone	10.213	43	650	127.110	ug/L #	87	
42) Toluene	10.390	91	230421	5549.162	ug/L	98	
46) Tetrachloroethene	10.865	164	15083	1590.916	ug/L	96	
51) Chlorobenzene	11.658	112	7092	256.798	ug/L	91	
52) Ethylbenzene	11.731	91	176505	3836.036	ug/L	100	
53) m,p-Xylene	11.835	106	236718	12601.148	ug/L	87	
54) o-Xylene	12.164	106	62374	3457.262	ug/L	98	
55) Styrene	12.182	104	30050	1003.096	ug/L	100	
60) Isopropylbenzene	12.463	105	76475	1977.045	ug/L	98	
62) 1,3,5-Trimethylbenzene	12.944	105	33219	1018.016	ug/L	94	
63) 1,2,4-Trimethylbenzene	13.249	105	99370	3086.501	ug/L	98	

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

67) 1,2-Dichlorobenzene	13.865	146	6515	407.676	ug/L	92

12/05/2021
 Supervised By :Amit Patel

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

12/07/2021

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