

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
 Data File : VW020805.D
 Acq On : 08 Nov 2021 12:54
 Operator : SY/VA
 Sample : M4464-10
 Misc : 3.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7K8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 01:02:18 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	187883	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	168813	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72896	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53132	30.077	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.320%			
7) Chloroethane-d5	2.879	69	30473	30.295	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.200%			
11) 1,1-Dichloroethene-d2	4.025	63	114118	30.777	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 123.120%#			
21) 2-Butanone-d5	7.086	46	28354	48.331	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.660%			
24) Chloroform-d	7.647	84	100471	24.067	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.280%			
26) 1,2-Dichloroethane-d4	8.305	65	54154	24.367	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.480%			
32) Benzene-d6	8.275	84	204397	26.799	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.200%			
36) 1,2-Dichloropropane-d6	9.275	67	60869	25.777	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.120%			
41) Toluene-d8	10.323	98	206319	27.805	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.200%			
43) trans-1,3-Dichloroprop...	10.579	79	30330	25.896	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.600%			
47) 2-Hexanone-d5	10.921	63	24022	50.277	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.560%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	45777	23.391	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	60627	26.465	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	980m	1.279	ug/L	
5) Vinyl chloride	2.355	62	6631	2.293	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	16435	6.516	ug/L #	82
12) 1,1-Dichloroethene	4.044	96	95325	39.657	ug/L #	70
13) Acetone	4.117	43	41019	75.130	ug/L	92
14) Carbon disulfide	4.385	76	14422	1.988	ug/L #	94
17) trans-1,2-Dichloroethene	5.422	96	30857	12.076	ug/L	89
19) 1,1-Dichloroethane	6.214	63	1248039	282.023	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	9014379	3346.734	ug/L #	63
27) 1,2-Dichloroethane	8.403	62	7132	2.391	ug/L #	91
29) Cyclohexane	7.952	56	2770	0.629	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	139242	34.709	ug/L	95
33) Benzene	8.323	78	63374	6.268	ug/L	100
34) Trichloroethene	9.092	95	205529	76.372	ug/L	95
35) Methylcyclohexane	9.329	83	2893	0.616	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	36990	23.645	ug/L #	94
42) Toluene	10.390	91	17630981	1621.711	ug/L	88
45) 1,1,2-Trichloroethane	10.786	97	1337	0.753	ug/L	89
46) Tetrachloroethene	10.866	164	5980	2.477	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	11.731	91	35438	2.909	ug/L	100
53) m,p-Xylene	11.835	106	39810	8.157	ug/L	97
54) o-Xylene	12.164	106	14293	3.092	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	4412	0.511	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	26702m	3.113	ug/L	
67) 1,2-Dichlorobenzene	13.865	146	3387	0.823	ug/L	94

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

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