

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
 Data File : VW029383.D
 Acq On : 27 Jun 2024 15:57
 Operator : SY/MD
 Sample : P3065-12DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 00:55:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	244141	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231321	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100697	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	58807	17.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.600%
7) Chloroethane-d5	2.899	69	48734	17.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.320%
11) 1,1-Dichloroethene-d2	4.015	65	28706	17.594	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.360%
21) 2-Butanone-d5	7.081	46	46061	45.560	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.120%
24) Chloroform-d	7.648	84	157457	21.620	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.480%
26) 1,2-Dichloroethane-d4	8.307	65	87511	20.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.720%
32) Benzene-d6	8.276	84	279786	19.913	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.640%
36) 1,2-Dichloropropane-d6	9.270	67	92451	20.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.800%
41) Toluene-d8	10.319	98	254189	20.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	10.575	79	36617	20.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.360%
47) 2-Hexanone-d5	10.922	63	30740	43.905	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76638	21.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	85738	24.530	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.120%
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	32058	37.312	ug/L	97
16) Methylene chloride	4.923	84	152056	35.420	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	132602	26.382	ug/L	98
22) 2-Butanone	7.173	43	87400	74.209	ug/L	98
25) Chloroform	7.679	83	251066	37.893	ug/L	93
31) Carbon tetrachloride	8.069	117	196677	41.856	ug/L	93
33) Benzene	8.325	78	177392	12.763	ug/L	100
34) Trichloroethene	9.093	95	191344	51.601	ug/L	88
35) Methylcyclohexane	9.276	83	21435	3.676	ug/L	# 16
38) Bromodichloromethane	9.642	83	244663	51.237	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	43947	7.960	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	113552	46.909	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	135491	29.065	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	110122	40.485	ug/L	97
49) Dibromochloromethane	11.129	129	61874	21.761	ug/L	97
50) 1,2-Dibromoethane	11.233	107	104142	42.652	ug/L	94
51) Chlorobenzene	11.654	112	154778	16.681	ug/L	98
52) Ethylbenzene	11.727	91	162946	10.046	ug/L	98
53) m,p-Xylene	11.830	106	161821	27.314	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	12.160	106	272787	49.267	ug/L	97
55) Styrene	12.178	104	337409	34.950	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	66654	19.810	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	117415	53.459	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	283146	52.748	ug/L	92
69) 1,3,5-Trichlorobenzene	15.129	180	42545	10.857	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	42545	13.393	ug/L	96
71) Naphthalene	15.360	128	72483	11.561	ug/L	99

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

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