

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029267.D
 Acq On : 20 Jun 2024 18:54
 Operator : SY/MD
 Sample : P2964-22DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4DJ6DL

Quant Time: Jun 21 01:34:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 01:26:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	304159	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	277897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	74657	17.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.920%		
7) Chloroethane-d5	2.893	69	59934	16.858	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.440%		
11) 1,1-Dichloroethene-d2	4.021	65	37890	18.641	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.560%		
21) 2-Butanone-d5	7.075	46	61571	48.884	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.760%		
24) Chloroform-d	7.648	84	182835	20.151	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.600%		
26) 1,2-Dichloroethane-d4	8.301	65	107538	20.643	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.560%		
32) Benzene-d6	8.270	84	358706	21.251	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.000%		
36) 1,2-Dichloropropane-d6	9.270	67	115470	21.520	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.080%		
41) Toluene-d8	10.319	98	331589	22.204	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.800%		
43) trans-1,3-Dichloroprop...	10.575	79	46183	21.359	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.440%		
47) 2-Hexanone-d5	10.922	63	43504	51.721	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.440%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97312	22.787	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.160%		
66) 1,2-Dichlorobenzene-d4	13.849	152	110074	23.686	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.760%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.045	96	73309	20.801	ug/L	81
13) Acetone	4.119	43	51157	47.793	ug/L	95
16) Methylene chloride	4.923	84	69126	12.925	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	168222	42.981	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	277493	44.315	ug/L	97
19) 1,1-Dichloroethane	6.210	63	106025	12.543	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	102351	23.714	ug/L	99
22) 2-Butanone	7.167	43	153814	104.828	ug/L	100
25) Chloroform	7.673	83	120986	14.657	ug/L	99
27) 1,2-Dichloroethane	8.398	62	187590	30.814	ug/L	100
33) Benzene	8.319	78	719652	43.099	ug/L	100
34) Trichloroethene	9.093	95	215336	48.338	ug/L	92
37) 1,2-Dichloropropane	9.368	63	216064	46.050	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	162828	24.550	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	132459	45.549	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	114447	20.436	ug/L	96
46) Tetrachloroethene	10.861	164	38020	12.209	ug/L	98
49) Dibromochloromethane	11.129	129	70562	20.657	ug/L	97
50) 1,2-Dibromoethane	11.233	107	117610	40.094	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	11.837	106	268266	37.692	ug/L	97
54) o-Xylene	12.166	106	227719	34.235	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	118528	29.323	ug/L	97
59) Bromoform	12.349	173	13934	7.594	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	106790	36.570	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	117146	15.174	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	275441	33.534	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	56932	13.480	ug/L	97

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

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