Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061024\
Data File : VW029088.D
Acq On : 10 Jun 2024 16:50
Operator : SY/MD
Sample : P2776-16DL 2X
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4DG7DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/11/2024
Supervised By :Mahesh Dadoda 06/11/2024

Quant Time: Jun 11 01:23:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 11 01:19:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	314716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141737	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	96524	19.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.240%			
7) Chloroethane-d5	2.899	69	75580	19.686	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.760%			
11) 1,1-Dichloroethene-d2	4.027	65	44890	20.428	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.720%			
21) 2-Butanone-d5	7.075	46	60139	58.873	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.740%			
24) Chloroform-d	7.648	84	193478	21.549	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.200%			
26) 1,2-Dichloroethane-d4	8.307	65	109397	23.143	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.560%			
32) Benzene-d6	8.276	84	391441	22.224	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.880%			
36) 1,2-Dichloropropane-d6	9.270	67	122409	22.921	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.680%			
41) Toluene-d8	10.325	98	349923	22.263	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.040%			
43) trans-1,3-Dichloroprop...	10.575	79	47458	23.127	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.520%			
47) 2-Hexanone-d5	10.922	63	43474	61.688	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.380%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98941	26.669	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.680%			
66) 1,2-Dichlorobenzene-d4	13.848	152	118300	23.520	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.080%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.051	96	202200m	50.829	ug/L	
13) Acetone	4.118	43	108364	101.227	ug/L	100
16) Methylene chloride	4.923	84	114032	24.142	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	56893	13.117	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	67282	11.124	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	74162	16.310	ug/L	98
22) 2-Butanone	7.167	43	89365	69.278	ug/L	99
27) 1,2-Dichloroethane	8.398	62	105021	18.922	ug/L	98
31) Carbon tetrachloride	8.069	117	229426	37.882	ug/L	96
33) Benzene	8.325	78	496161	27.806	ug/L	100
34) Trichloroethene	9.093	95	233202	49.711	ug/L	92
37) 1,2-Dichloropropane	9.367	63	120448	25.777	ug/L	100
38) Bromodichloromethane	9.648	83	166076	29.142	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	197804	29.128	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	299258	125.911	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	107582	19.651	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	75633	23.966	ug/L	94
46) Tetrachloroethene	10.861	164	94595	26.541	ug/L	87
48) 2-Hexanone	10.965	43	121016	67.911	ug/L	99

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49) Dibromochloromethane	11.129	129	54456	16.337	ug/L		95
50) 1,2-Dibromoethane	11.233	107	28318	9.830	ug/L		97
52) Ethylbenzene	11.727	91	923467	44.588	ug/L		98
53) m,p-Xylene	11.837	106	299538	39.047	ug/L		92
54) o-Xylene	12.166	106	35266	4.965	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.714	83	39513	11.091	ug/L		97
59) Bromoform	12.349	173	47794	26.223	ug/L		97
61) 1,2,3-Trichloropropane	12.763	75	104081	38.930	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	313641	36.385	ug/L		91
65) 1,4-Dichlorobenzene	13.574	146	125961	13.991	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	347858	45.024	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.476	75	8267	14.507	ug/L	#	88

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

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