Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046023.D
Acq On : 13 Jun 2024 14:38
Operator : MA/JU
Sample : P2648-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 01:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BHBW1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	116473	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136	465558	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	282003	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	567711	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	535886	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	626393	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	5557m	1.850	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.699	99	92409	9.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	108290	15.241	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132	99461	13.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.216	113	56616	7.574	ng/ul	0.00
21) Nitrobenzene-d5	8.604	128	57588	15.821	ng/ul	0.00
24) 2-Nitrophenol-d4	9.316	143	52685	14.301	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	87135	12.613	ng/ul	0.00
31) 4-Chloroaniline-d4	10.410	131	12931m	1.352	ng/ul	0.02
46) Dimethylphthalate-d6	13.533	166	320969	16.441	ng/ul	0.00
49) Acenaphthylene-d8	13.769	160	378186	16.682	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	7039m	1.671	ng/ul	0.03
60) Fluorene-d10	15.080	176	281246	16.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.239	200	18309	6.316	ng/ul	0.02
73) Anthracene-d10	16.927	188	407708	16.520	ng/ul	0.00
81) Pyrene-d10	19.227	212	439003	13.173	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	337762	11.537	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	13.798	152	34957	1.332	ng/ul	97
52) Acenaphthene	14.145	153	19677	1.124	ng/ul	96
61) Fluorene	15.139	166	21047	1.106	ng/ul#	98
72) Phenanthrene	16.868	178	509732	17.040	ng/ul	99
74) Anthracene	16.963	178	105012	3.515	ng/ul	99
77) Carbazole	17.251	167	34097	1.337	ng/ul	92
78) Di-n-butylphthalate	17.815	149	38695	1.154	ng/ul#	91
80) Fluoranthene	18.892	202	990939	24.527	ng/ul	100
82) Pyrene	19.257	202	743804	17.919	ng/ul	99
85) Benzo(a)anthracene	21.027	228	541234	14.627	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.974	149	95034	3.781	ng/ul#	96
87) Chrysene	21.080	228	531753	15.535	ng/ul	96
90) Benzo(b)fluoranthene	22.909	252	770992	20.028	ng/ul	96
91) Benzo(k)fluoranthene	22.956	252	251759m	6.696	ng/ul	
93) Benzo(a)pyrene	23.621	252	273804	8.094	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.738	276	265068	7.176	ng/ul	94
95) Dibenzo(a,h)anthracene	26.780	278	96612	3.307	ng/ul#	83
96) Benzo(g,h,i)perylene	27.668	276	41831m	1.286	ng/ul	

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

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