Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020718.D
Acq On : 01 Jul 2024 14:46
Operator : MA/JU
Sample : P2897-14DL2 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 02 01:14:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
C0T61DL2

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	225370	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.510	136	928650	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.369	164	573211	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1049445	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	894395	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	1110080	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.928	99	8975	0.486	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	6385	0.545	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.287	132	8061	0.534	ng/ul	0.00
15) 4-Methylphenol-d8	8.445	113	6445	0.429	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	3782	0.552	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143	3707	0.540	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	6683	0.473	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	5413m	0.273	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	27813	0.698	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	29358	0.617	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.380	176	23293	0.695	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.280	188	32002	0.679	ng/ul	0.00
81) Pyrene-d10	19.663	212	28922	0.538	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	24141m	0.447	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.563	128	2731436	54.953	ng/ul	99
36) 2-Methylnaphthalene	12.169	142	950752	28.555	ng/ul	98
37) 1-Methylnaphthalene	12.392	142	581259	17.077	ng/ul	100
43) 1,1'-Biphenyl	13.186	154	129754	3.027	ng/ul	98
50) Acenaphthylene	14.086	152	114621	2.134	ng/ul#	91
52) Acenaphthene	14.428	153	366301	10.279	ng/ul	99
61) Fluorene	15.433	166	259450	6.725	ng/ul	98
72) Phenanthrene	17.227	178	1122879	20.433	ng/ul	100
74) Anthracene	17.316	178	289347	5.119	ng/ul	99
80) Fluoranthene	19.315	202	369325	5.627	ng/ul	99
82) Pyrene	19.692	202	469610	6.977	ng/ul	98
85) Benzo(a)anthracene	21.615	228	198998m	3.174	ng/ul	
87) Chrysene	21.686	228	166733	2.814	ng/ul	99
90) Benzo(b)fluoranthene	23.933	252	123622m	1.838	ng/ul	
93) Benzo(a)pyrene	24.839	252	80139	1.262	ng/ul#	94

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

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