Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021159.D
Acq On : 25 Jul 2024 23:09
Operator : MA/JU
Sample : P3263-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 26 00:11:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CK3

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	192232	20.000	ng/ul	0.00
20) Naphthalene-d8	10.428	136	737568	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	454887	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.110	188	970581	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	954649	20.000	ng/ul	0.00
88) Perylene-d12	24.886	264	1214332	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	14301	3.385	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.875	99	298997	19.078	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	177999	18.741	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	258997	20.058	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	248869	19.120	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	120463	21.028	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	142874	21.790	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	246235	20.768	ng/ul	0.01
31) 4-Chloroaniline-d4	10.593	131	59798	3.807	ng/ul	0.02
46) Dimethylphthalate-d6	13.710	166	721709	21.825	ng/ul	0.01
49) Acenaphthylene-d8	13.993	160	840115	22.626	ng/ul	0.01
54) 4-Nitrophenol-d4	14.610	143	100616m	21.386	ng/ul	0.01
60) Fluorene-d10	15.316	176	633169	23.340	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.493	200	78907	13.437	ng/ul	0.02
73) Anthracene-d10	17.216	188	981016	22.757	ng/ul	0.01
81) Pyrene-d10	19.604	212	1047801	17.753	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.645	264	885684	14.788	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.834	77	18641	2.359	ng/ul	94
8) Phenol	6.905	94	35152	2.217	ng/ul#	90
72) Phenanthrene	17.157	178	295499	5.869	ng/ul	100
74) Anthracene	17.257	178	69991	1.364	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1207001	20.849	ng/ul	99
80) Fluoranthene	19.257	202	616165	8.645	ng/ul	99
82) Pyrene	19.633	202	432041	5.957	ng/ul	97
85) Benzo(a)anthracene	21.545	228	303985	4.546	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.492	149	974459m	22.407	ng/ul	
87) Chrysene	21.610	228	323763	5.210	ng/ul	96
90) Benzo(b)fluoranthene	23.827	252	476735	6.469	ng/ul#	94
91) Benzo(k)fluoranthene	23.892	252	155181	2.110	ng/ul#	92
93) Benzo(a)pyrene	24.721	252	170787	2.453	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	28.662	276	182305	2.032	ng/ul#	90

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

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