Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016333.D
Acq On : 19 Jul 2023 20:28
Operator : MA/JU
Sample : 03472-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 19 23:21:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A46R0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	78748	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	385255	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.604	164	270249	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.369	188	666651	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	729596	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	815154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6729	3.024	ng/uL	0.00
4) Pyridine-d5	3.740	84	75410	13.587	ng/ul	0.02
7) Phenol-d5	7.163	99	154015	21.653	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.293	67	98809	20.544	ng/ul	0.02
11) 2-Chlorophenol-d4	7.493	132	117976	22.976	ng/ul	0.02
15) 4-Methylphenol-d8	8.740	113	99725m	17.404	ng/ul	0.05
21) Nitrobenzene-d5	9.175	128	57409	21.600	ng/ul	0.04
24) 2-Nitrophenol-d4	9.910	143	67536	22.295	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.516	165	125845m	23.990	ng/ul	0.09
31) 4-Chloroaniline-d4	11.081	131	36396m	4.329	ng/ul	0.14
46) Dimethylphthalate-d6	14.028	166	547965	26.581	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	550388	24.362	ng/ul	0.01
54) 4-Nitrophenol-d4	14.975	143	61147m	14.534	ng/ul	0.05
60) Fluorene-d10	15.610	176	479023	27.765	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.816	200	55128	14.325	ng/ul	0.04
73) Anthracene-d10	17.475	188	679519	23.303	ng/ul	0.00
81) Pyrene-d10	19.704	212	1074827	28.390	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	971684	24.822	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.410	178	84744	2.440	ng/ul	99
80) Fluoranthene	19.386	202	182213	4.116	ng/ul#	94
82) Pyrene	19.733	202	173348	3.667	ng/ul	99
85) Benzo(a)anthracene	21.457	228	82288m	1.732	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.322	149	81674	2.682	ng/ul#	100
87) Chrysene	21.510	228	91564	1.902	ng/ul	98
90) Benzo(b)fluoranthene	23.204	252	115523	2.481	ng/ul#	91
93) Benzo(a)pyrene	23.845	252	65110	1.412	ng/ul#	85

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

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