Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020980.D
Acq On : 16 Jul 2024 07:10
Operator : MA/JU
Sample : P3177-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 16 07:41:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BS0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	233700	20.000	ng/ul	0.01
20) Naphthalene-d8	10.457	136	924019	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.304	164	608892	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.122	188	1335439	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1346200	20.000	ng/ul	0.00
88) Perylene-d12	24.851	264	1633423	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	14278	2.780	ng/uL	0.00
4) Pyridine-d5	3.693	84	10872m	0.731	ng/ul	0.04
7) Phenol-d5	6.899	99	331634	17.406	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	206963	17.924	ng/ul	0.01
11) 2-Chlorophenol-d4	7.240	132	289824	18.463	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	273139	17.261	ng/ul	0.01
21) Nitrobenzene-d5	8.852	128	136326	18.995	ng/ul	0.02
24) 2-Nitrophenol-d4	9.557	143	158497	19.295	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.099	165	285878	19.246	ng/ul	0.01
31) 4-Chloroaniline-d4	10.599	131	295320	15.008	ng/ul	0.01
46) Dimethylphthalate-d6	13.716	166	929004	20.988	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	1020603	20.535	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.581	143	108094m	17.164	ng/ul	0.01
60) Fluorene-d10	15.316	176	805645	22.186	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	119925	14.842	ng/ul	0.00
73) Anthracene-d10	17.210	188	1302005	21.951	ng/ul	-0.01
81) Pyrene-d10	19.598	212	1169172	14.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	829631	10.298	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.163	178	144354	2.084	ng/ul	99
80) Fluoranthene	19.245	202	341322	3.396	ng/ul	98
82) Pyrene	19.627	202	188827	1.846	ng/ul	98
85) Benzo(a)anthracene	21.521	228	161602	1.714	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	108025	1.762	ng/ul#	97
87) Chrysene	21.598	228	171384	1.956	ng/ul	97
90) Benzo(b)fluoranthene	23.804	252	255029	2.573	ng/ul#	95

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

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