Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
Data File : BP021473.D
Acq On : 09 Aug 2024 16:29
Operator : RC/JU
Sample : P3329-17ME 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 09 23:47:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 18:23:21 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F7E25ME

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	160336	20.000	ng/ul	0.02
20) Naphthalene-d8	10.375	136	613982	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	451152	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	912622	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	996446	20.000	ng/ul	0.00
88) Perylene-d12	24.792	264	1140486	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3369m	0.956	ng/uL	0.01
4) Pyridine-d5	3.646	84	20495m	2.009	ng/ul	0.06
7) Phenol-d5	6.928	99	26990	2.065	ng/ul	0.10
9) Bis-(2-Chloroethyl)eth...	6.999	67	33696m	4.254	ng/ul	0.04
11) 2-Chlorophenol-d4	7.234	132	37666	3.497	ng/ul	0.08
15) 4-Methylphenol-d8	8.440	113	44030m	4.056	ng/ul	0.09
21) Nitrobenzene-d5	8.834	128	19813m	4.155	ng/ul	0.06
24) 2-Nitrophenol-d4	9.528	143	21543m	3.947	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.163	165	40686m	4.122	ng/ul	0.12
31) 4-Chloroaniline-d4	10.610	131	56053	4.287	ng/ul	0.07
46) Dimethylphthalate-d6	13.675	166	221401	6.751	ng/ul	0.02
49) Acenaphthylene-d8	13.951	160	215039	5.839	ng/ul	0.02
54) 4-Nitrophenol-d4	14.739	143	15575m	3.338	ng/ul	0.16
60) Fluorene-d10	15.269	176	192647	7.160	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	16892m	3.059	ng/ul	0.07
73) Anthracene-d10	17.181	188	314633	7.762	ng/ul	0.00
81) Pyrene-d10	19.563	212	406613	6.600	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.574	264	429833	7.642	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.428	128	1035426	32.061	ng/ul	99
36) 2-Methylnaphthalene	12.057	142	342166	15.434	ng/ul	99
37) 1-Methylnaphthalene	12.269	142	156210	6.851	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	92352	2.801	ng/ul	96
52) Acenaphthene	14.316	153	376275	13.597	ng/ul	100
56) Dibenzofuran	14.675	168	418587	11.046	ng/ul	100
61) Fluorene	15.334	166	464341	15.015	ng/ul	99
72) Phenanthrene	17.110	178	2072536	43.777	ng/ul	99
74) Anthracene	17.233	178	302612m	6.270	ng/ul	
77) Carbazole	17.533	167	105810	2.682	ng/ul	98
80) Fluoranthene	19.216	202	1397894	18.790	ng/ul	99
82) Pyrene	19.592	202	963028	12.721	ng/ul	97
85) Benzo(a)anthracene	21.492	228	337708	4.838	ng/ul	97
87) Chrysene	21.569	228	268660m	4.142	ng/ul	
90) Benzo(b)fluoranthene	23.774	252	229640	3.318	ng/ul#	97
91) Benzo(k)fluoranthene	23.833	252	72807	1.054	ng/ul#	97
93) Benzo(a)pyrene	24.639	252	125668	1.921	ng/ul#	94

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

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