Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
Data File : BP021474.D
Acq On : 09 Aug 2024 17:17
Operator : RC/JU
Sample : P3435-14DL 100X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 22:59:23 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 :
E05Y6DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	136978	20.000	ng/ul	0.03
20) Naphthalene-d8	10.375	136	606221	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	411726	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	890631	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	873379	20.000	ng/ul	0.00
88) Perylene-d12	24.792	264	1073477	20.000	ng/ul	0.01
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	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.704	166	5187m	0.173	ng/ul	0.05
49) Acenaphthylene-d8	13.969	160	4798	0.143	ng/ul	0.04
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.281	176	4278	0.174	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.181	188	7893m	0.200	ng/ul	0.00
81) Pyrene-d10	19.563	212	9152	0.169	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.574	264	7998	0.151	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.428	128	704869	22.105	ng/ul	99
36) 2-Methylnaphthalene	12.069	142	272424	12.446	ng/ul	99
37) 1-Methylnaphthalene	12.281	142	125227	5.563	ng/ul	97
43) 1,1'-Biphenyl	13.092	154	84064	2.794	ng/ul	95
52) Acenaphthene	14.322	153	435157	17.230	ng/ul	99
56) Dibenzofuran	14.675	168	438034	12.665	ng/ul	100
61) Fluorene	15.334	166	463790	16.433	ng/ul	99
72) Phenanthrene	17.116	178	2678028	57.963	ng/ul	99
74) Anthracene	17.222	178	953461	20.243	ng/ul	99
77) Carbazole	17.533	167	307133	7.977	ng/ul	98
80) Fluoranthene	19.216	202	2043650	31.340	ng/ul	99
82) Pyrene	19.592	202	1399627	21.093	ng/ul	96
85) Benzo(a)anthracene	21.498	228	592138m	9.679	ng/ul	
87) Chrysene	21.569	228	514954	9.058	ng/ul	99
90) Benzo(b)fluoranthene	23.774	252	605929	9.301	ng/ul#	97
91) Benzo(k)fluoranthene	23.821	252	214128	3.294	ng/ul	96
93) Benzo(a)pyrene	24.645	252	318021	5.166	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.574	276	222302	2.802	ng/ul	96

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

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