Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020724.D
Acq On : 01 Jul 2024 19:05
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B54

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:16:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	200434	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.510	136	789263	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.375	164	477953	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	840594	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	697078	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	862206	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	22265	4.770	ng/uL	0.00
4) Pyridine-d5	3.693	84	70603	5.190	ng/ul	0.00
7) Phenol-d5	6.922	99	437210	26.595	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	272013	26.100	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.281	132	369606	27.510	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	339015	25.391	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	177875	30.525	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	201143	34.494	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	346494	28.846	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	296450	17.611	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1069058	32.170	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1154520	29.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.593	143	126195	24.854	ng/ul	0.00
60) Fluorene-d10	15.387	176	851683	30.456	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	116181	27.426	ng/ul	0.01
73) Anthracene-d10	17.292	188	1119013	29.662	ng/ul	0.01
81) Pyrene-d10	19.669	212	1087879	25.978	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	938790	22.384	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.557	128	56358	1.334	ng/ul	98
52) Acenaphthene	14.440	153	65607	2.208	ng/ul	98
56) Dibenzofuran	14.781	168	80515	2.011	ng/ul	98
61) Fluorene	15.440	166	94370	2.934	ng/ul	99
72) Phenanthrene	17.228	178	1192760	27.097	ng/ul	99
74) Anthracene	17.328	178	311449	6.879	ng/ul	99
77) Carbazole	17.610	167	118482	3.171	ng/ul	96
80) Fluoranthene	19.322	202	1357135	26.531	ng/ul	98
82) Pyrene	19.698	202	913200	17.407	ng/ul	98
85) Benzo(a)anthracene	21.627	228	583952	11.952	ng/ul	97
87) Chrysene	21.692	228	529744	11.471	ng/ul	96
90) Benzo(b)fluoranthene	23.945	252	623408	11.935	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	245627	4.649	ng/ul	96
93) Benzo(a)pyrene	24.851	252	261741	5.308	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.845	276	200776m	3.175	ng/ul	
95) Dibenzo(a,h)anthracene	28.904	278	79269	1.525	ng/ul	92

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

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