Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 05 02:05:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BHBQ5

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

06/05/2024
Supervised By :mohammad ahmed

06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	502284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2153109	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1260092	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2233627	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1272379	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1537336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	51759	4.263	ng/uL	0.00
4) Pyridine-d5	3.599	84	492749	14.418	ng/ul	0.00
7) Phenol-d5	6.852	99	1203410	27.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	648855	25.762	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	956694	29.118	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	939585	26.769	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	481955	29.276	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	518781	30.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	894275	28.168	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	1055142	22.384	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2550778	29.057	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2954474	29.270	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	391054	22.249	ng/ul	0.00
60) Fluorene-d10	15.316	176	2117155	28.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	141571	12.610	ng/ul	0.00
73) Anthracene-d10	17.169	188	2893181	30.255	ng/ul	0.00
81) Pyrene-d10	19.469	212	2412776	35.436	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	1710110	23.296	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.510	128	452490	4.061	ng/ul	100
36) 2-Methylnaphthalene	12.128	142	149683	1.965	ng/ul	94
37) 1-Methylnaphthalene	12.352	142	126616	1.657	ng/ul	97
50) Acenaphthylene	14.046	152	123475	1.082	ng/ul	98
52) Acenaphthene	14.387	153	397111	5.261	ng/ul	98
56) Dibenzofuran	14.722	168	612450	5.972	ng/ul	100
61) Fluorene	15.375	166	427955	5.182	ng/ul	98
72) Phenanthrene	17.116	178	8655998	76.074	ng/ul	99
74) Anthracene	17.204	178	1925039	16.697	ng/ul	99
77) Carbazole	17.475	167	1251995	12.735	ng/ul	99
80) Fluoranthene	19.139	202	10364170	127.368	ng/ul	99
82) Pyrene	19.498	202	7549335	90.425	ng/ul	99
85) Benzo(a)anthracene	21.286	228	4348516	51.059	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	77453	1.347	ng/ul#	98
87) Chrysene	21.351	228	4053789m	50.958	ng/ul	
90) Benzo(b)fluoranthene	23.327	252	5057458	55.038	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	2134638m	23.674	ng/ul	
93) Benzo(a)pyrene	24.110	252	2398321	27.867	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.568	276	2018886	20.357	ng/ul	95
95) Dibenzo(a,h)anthracene	27.610	278	678397	8.379	ng/ul#	93
96) Benzo(g,h,i)perylene	28.586	276	278798m	3.536	ng/ul	

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