Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031697.D
Acq On : 29 May 2024 19:19
Operator : MA/JU
Sample : P2569-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 29 23:30:14 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 :
BH648

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	481564	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2225392	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1460932	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2993308	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	2402579	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	2255247	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	40527	3.482	ng/uL	0.00
4) Pyridine-d5	3.593	84	485168	14.807	ng/ul	0.00
7) Phenol-d5	6.852	99	861819	20.876	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	516872	21.404	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	674686	21.418	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	552137	16.407	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	352078	20.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	355695	20.237	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	678693	20.683	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	614890	12.621	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166	2276160	22.364	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2574955	22.003	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	305845	15.009	ng/ul	0.00
60) Fluorene-d10	15.322	176	1970630	22.883	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	241562m	16.055	ng/ul	0.00
73) Anthracene-d10	17.169	188	3015673	23.532	ng/ul	0.00
81) Pyrene-d10	19.469	212	3533530	27.484	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	2769730	25.720	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	254725	1.926	ng/ul	98
52) Acenaphthene	14.386	153	98304	1.123	ng/ul	97
61) Fluorene	15.375	166	140734	1.470	ng/ul	95
72) Phenanthrene	17.110	178	3404091	22.324	ng/ul	99
74) Anthracene	17.204	178	894316	5.788	ng/ul	98
77) Carbazole	17.475	167	281421	2.136	ng/ul	99
80) Fluoranthene	19.133	202	6633754	43.174	ng/ul	100
82) Pyrene	19.498	202	5905778	37.463	ng/ul	99
83) Butylbenzylphthalate	20.404	149	112025	1.505	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3372792	20.973	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	10630476	97.942	ng/ul	99
87) Chrysene	21.345	228	3026273m	20.147	ng/ul	
90) Benzo(b)fluoranthene	23.315	252	3456648	25.643	ng/ul	96
91) Benzo(k)fluoranthene	23.374	252	1219774m	9.221	ng/ul	
93) Benzo(a)pyrene	24.104	252	2396157	18.979	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	1344554	9.242	ng/ul	96
95) Dibenzo(a,h)anthracene	27.580	278	362271m	3.050	ng/ul	
96) Benzo(g,h,i)perylene	28.568	276	1213393	10.492	ng/ul	97

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

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