Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138247.D
Acq On : 19 Jun 2024 15:49
Operator : CG\JU
Sample : PB161582BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 19 16:18:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161582BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	422717	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1710462	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	975535	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1710523	20.000	ng		0.00
76) Chrysene-d12	14.045	240	909307	20.000	ng	#	0.00
86) Perylene-d12	15.516	264	748939	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2841929	112.464	ng		0.01
7) Phenol-d6	6.522	99	3637518	113.520	ng		0.00
23) Nitrobenzene-d5	7.457	82	2290729	77.966	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	1170453	120.520	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	4142992	67.532	ng		0.00
79) Terphenyl-d14	12.998	244	4629838	80.643	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	350656	30.323	ng		98
3) Pyridine	3.534	79	852986	31.035	ng		99
4) n-Nitrosodimethylamine	3.499	42	515138	40.498	ng		91
6) Aniline	6.551	93	785383	25.050	ng		99
8) 2-Chlorophenol	6.675	128	1228709	44.975	ng		99
9) Benzaldehyde	6.434	77	515233	30.274	ng		99
10) Phenol	6.540	94	1400342m	43.064	ng		
11) bis(2-Chloroethyl)ether	6.622	93	1161138	44.615	ng		98
12) 1,3-Dichlorobenzene	6.828	146	1183814	38.129	ng		99
13) 1,4-Dichlorobenzene	6.904	146	1207290	38.639	ng		100
14) 1,2-Dichlorobenzene	7.057	146	1173434	40.006	ng		99
15) Benzyl Alcohol	7.034	79	1005549	46.542	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1502079	40.895	ng		97
17) 2-Methylphenol	7.140	107	963909	44.719	ng		99
18) Hexachloroethane	7.398	117	435310	41.124	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	809431	42.616	ng		99
20) 3+4-Methylphenols	7.293	107	1105939	40.764	ng		95
22) Acetophenone	7.304	105	1531361	39.191	ng	#	96
24) Nitrobenzene	7.475	77	1200820	39.544	ng		92
25) Isophorone	7.710	82	2300185	43.282	ng		100
26) 2-Nitrophenol	7.787	139	651014	53.315	ng		99
27) 2,4-Dimethylphenol	7.822	122	862658m	46.436	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	1429255	42.962	ng		100
29) 2,4-Dichlorophenol	8.028	162	1039130	43.447	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	1092566	38.735	ng		97
31) Naphthalene	8.192	128	3242893	38.342	ng		99
32) Benzoic acid	7.969	122	871193	53.208	ng		99
33) 4-Chloroaniline	8.234	127	667340	21.111	ng		100
34) Hexachlorobutadiene	8.304	225	622883	37.759	ng		99
35) Caprolactam	8.628	113	324686m	44.966	ng		
36) 4-Chloro-3-methylphenol	8.722	107	1087357	45.661	ng		95
37) 2-Methylnaphthalene	8.881	142	2220235	39.998	ng		99
38) 1-Methylnaphthalene	8.981	142	2071667	38.085	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	1089330	38.213	ng		99
41) Hexachlorocyclopentadiene	9.034	237	894856	96.270	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	791988	44.370	ng		98

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44) 2,4,5-Trichlorophenol	9.210	196	834126	42.553	ng		99
46) 1,1'-Biphenyl	9.351	154	2704739	37.784	ng		99
47) 2-Chloronaphthalene	9.375	162	2155540	38.102	ng		99
48) 2-Nitroaniline	9.469	65	654832	48.064	ng		98
49) Acenaphthylene	9.786	152	3242079	40.869	ng		99
50) Dimethylphthalate	9.651	163	2597771	43.462	ng		99
51) 2,6-Dinitrotoluene	9.710	165	612209	47.213	ng		96
52) Acenaphthene	9.963	154	2313496m	42.768	ng		
53) 3-Nitroaniline	9.881	138	471972	34.071	ng		98
54) 2,4-Dinitrophenol	9.986	184	666815	94.589	ng		99
55) Dibenzofuran	10.134	168	2924993	38.680	ng		97
56) 4-Nitrophenol	10.045	139	1035736	94.614	ng		97
57) 2,4-Dinitrotoluene	10.116	165	799152	49.968	ng	#	89
58) Fluorene	10.475	166	2228476	37.481	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	691455	45.136	ng		99
60) Diethylphthalate	10.351	149	2490881	43.909	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	1153086	38.941	ng		97
62) 4-Nitroaniline	10.504	138	590866	42.691	ng		96
63) Azobenzene	10.628	77	2354807	41.433	ng		96
65) 4,6-Dinitro-2-methylph...	10.522	198	462912	52.371	ng		95
66) n-Nitrosodiphenylamine	10.586	169	2118302	40.450	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	796096	41.303	ng		94
68) Hexachlorobenzene	11.022	284	904520	40.212	ng		94
69) Atrazine	11.116	200	695743	46.644	ng		98
70) Pentachlorophenol	11.216	266	1043829	79.570	ng		97
71) Phenanthrene	11.439	178	3293484	38.934	ng		99
72) Anthracene	11.492	178	3271638	38.954	ng		99
73) Carbazole	11.645	167	2981043	38.699	ng		100
74) Di-n-butylphthalate	11.969	149	3553856	44.564	ng		99
75) Fluoranthene	12.622	202	3369632	39.064	ng		98
77) Benzidine	12.739	184	45839	4.358	ng		99
78) Pyrene	12.851	202	3409039	43.464	ng		99
80) Butylbenzylphthalate	13.469	149	1302297	61.042	ng		97
81) Benzo(a)anthracene	14.039	228	2420670	41.495	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	657945	40.956	ng		99
83) Chrysene	14.074	228	2313257	41.601	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1486398	59.903	ng		99
85) Di-n-octyl phthalate	14.639	149	2214678	60.079	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	2577382	52.790	ng		98
88) Benzo(b)fluoranthene	15.086	252	2088021	47.277	ng		98
89) Benzo(k)fluoranthene	15.121	252	2110483	48.759	ng		100
90) Benzo(a)pyrene	15.457	252	1917308	50.532	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	2140936	53.423	ng		99
92) Benzo(g,h,i)perylene	17.457	276	2078902	50.145	ng		99

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

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