Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
Data File : BF138204.D
Acq On : 17 Jun 2024 15:00
Operator : CG\JU
Sample : PB161522BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 17 15:33:28 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 :
PB161522BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	451400	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1800975	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	964400	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1644461	20.000	ng	0.00
76) Chrysene-d12	14.051	240	934440	20.000	ng	0.00
86) Perylene-d12	15.521	264	861029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3105686	115.093	ng	0.02
7) Phenol-d6	6.528	99	3930064	114.857	ng	0.00
23) Nitrobenzene-d5	7.457	82	2420651	78.247	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1099534	114.525	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4313441	71.122	ng	0.00
79) Terphenyl-d14	12.998	244	4472417	75.805	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	395760	32.048	ng	100
3) Pyridine	3.534	79	960501	32.726	ng	99
4) n-Nitrosodimethylamine	3.498	42	564012	41.523	ng	95
6) Aniline	6.557	93	833587	24.898	ng	99
8) 2-Chlorophenol	6.681	128	1284872	44.042	ng	98
9) Benzaldehyde	6.445	77	588191	32.365	ng	99
10) Phenol	6.539	94	1517389m	43.698	ng	
11) bis(2-Chloroethyl)ether	6.634	93	1215617	43.741	ng	100
12) 1,3-Dichlorobenzene	6.834	146	1281279	38.645	ng	98
13) 1,4-Dichlorobenzene	6.910	146	1299335	38.943	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1267226	40.458	ng	100
15) Benzyl Alcohol	7.034	79	1042806	45.199	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1702691	43.411	ng	99
17) 2-Methylphenol	7.145	107	1008172	43.801	ng	99
18) Hexachloroethane	7.404	117	466302	41.253	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	877018	43.240	ng	99
20) 3+4-Methylphenols	7.298	107	1200806	41.449	ng	96
22) Acetophenone	7.304	105	1667333	40.527	ng	96
24) Nitrobenzene	7.481	77	1290397	40.358	ng	93
25) Isophorone	7.716	82	2364290	42.252	ng	99
26) 2-Nitrophenol	7.792	139	616904	47.982	ng	97
27) 2,4-Dimethylphenol	7.828	122	888100m	45.403	ng	
28) bis(2-Chloroethoxy)met...	7.928	93	1482843	42.333	ng	100
29) 2,4-Dichlorophenol	8.028	162	1048720	41.644	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	1148993	38.688	ng	98
31) Naphthalene	8.198	128	3470567	38.972	ng	99
32) Benzoic acid	7.957	122	741934	43.036	ng	97
33) 4-Chloroaniline	8.245	127	702935	21.119	ng	99
34) Hexachlorobutadiene	8.316	225	648543	37.338	ng	99
35) Caprolactam	8.616	113	349606m	45.984	ng	
36) 4-Chloro-3-methylphenol	8.728	107	1081563	43.135	ng	99
37) 2-Methylnaphthalene	8.886	142	2333474	39.926	ng	100
38) 1-Methylnaphthalene	8.986	142	2152335	37.580	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1109374	39.365	ng	99
41) Hexachlorocyclopentadiene	9.039	237	879524	95.713	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	759528	43.043	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	797611	41.160	ng		99
46) 1,1'-Biphenyl	9.351	154	2812345	39.741	ng		99
47) 2-Chloronaphthalene	9.380	162	2197280	39.288	ng		99
48) 2-Nitroaniline	9.475	65	656179	48.719	ng		97
49) Acenaphthylene	9.792	152	3325382	42.403	ng		99
50) Dimethylphthalate	9.657	163	2514288	42.551	ng		100
51) 2,6-Dinitrotoluene	9.716	165	571898	44.613	ng		92
52) Acenaphthene	9.963	154	2287588	42.777	ng		99
53) 3-Nitroaniline	9.880	138	448052	32.718	ng		98
54) 2,4-Dinitrophenol	9.992	184	522483	80.162	ng	#	87
55) Dibenzofuran	10.139	168	2991308	40.014	ng		99
56) 4-Nitrophenol	10.045	139	990914	91.565	ng		96
57) 2,4-Dinitrotoluene	10.116	165	757190	47.891	ng	#	83
58) Fluorene	10.480	166	2268099	38.588	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	653500	43.151	ng		98
60) Diethylphthalate	10.357	149	2400025	42.795	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	1146292	39.158	ng		96
62) 4-Nitroaniline	10.504	138	564086	41.227	ng		97
63) Azobenzene	10.633	77	2399213	42.702	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	357311	43.415	ng		99
66) n-Nitrosodiphenylamine	10.592	169	2060139	40.920	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	755743	40.784	ng		96
68) Hexachlorobenzene	11.021	284	853441	39.466	ng		95
69) Atrazine	11.116	200	672993	46.931	ng		99
70) Pentachlorophenol	11.216	266	995704	78.951	ng		99
71) Phenanthrene	11.445	178	3306053	40.653	ng		99
72) Anthracene	11.492	178	3297017	40.833	ng		98
73) Carbazole	11.645	167	2985462	40.313	ng		99
74) Di-n-butylphthalate	11.974	149	3316271	43.255	ng		99
75) Fluoranthene	12.627	202	3253913	39.238	ng		97
77) Benzidine	12.745	184	91560	8.471	ng		99
78) Pyrene	12.857	202	3299707	40.939	ng		98
80) Butylbenzylphthalate	13.474	149	1164936	53.135	ng		96
81) Benzo(a)anthracene	14.039	228	2524113	42.104	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	663425	40.186	ng		100
83) Chrysene	14.080	228	2453097	42.930	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1387831	54.427	ng		98
85) Di-n-octyl phthalate	14.645	149	2076344	54.811	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	2835718	50.520	ng		98
88) Benzo(b)fluoranthene	15.092	252	2310922	45.512	ng		98
89) Benzo(k)fluoranthene	15.121	252	2357111	47.368	ng		98
90) Benzo(a)pyrene	15.462	252	2158120	49.474	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	2344173	50.880	ng		99
92) Benzo(g,h,i)perylene	17.462	276	2280579	47.848	ng		98

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

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