Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138441.D
Acq On : 03 Jul 2024 12:25
Operator : CG\JU
Sample : PB161624BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161624BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 13:36:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	237577	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	1024653	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	561382	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	928659	20.000	ng		0.00
76) Chrysene-d12	14.033	240	403387	20.000	ng		0.00
86) Perylene-d12	15.504	264	480526	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1783926	124.493	ng		0.02
7) Phenol-d6	6.522	99	2435426	126.166	ng		0.00
23) Nitrobenzene-d5	7.445	82	1588121	80.514	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	547545	119.380	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2504454	70.999	ng		0.00
79) Terphenyl-d14	12.980	244	2145798	72.899	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	220911	32.729	ng		100
3) Pyridine	3.504	79	538868	33.465	ng		97
4) n-Nitrosodimethylamine	3.463	42	461022	45.892	ng		99
6) Aniline	6.539	93	544438	28.902	ng	#	66
8) 2-Chlorophenol	6.663	128	763061	49.604	ng		99
9) Benzaldehyde	6.422	77	310434	26.056	ng		100
10) Phenol	6.534	94	918015	44.638	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	745449	46.152	ng		99
12) 1,3-Dichlorobenzene	6.816	146	707385	40.155	ng		97
13) 1,4-Dichlorobenzene	6.892	146	719369	40.725	ng		99
14) 1,2-Dichlorobenzene	7.045	146	703996	43.172	ng		97
15) Benzyl Alcohol	7.022	79	697517	50.449	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1458203	44.758	ng		94
17) 2-Methylphenol	7.133	107	592032	46.437	ng		94
18) Hexachloroethane	7.386	117	270508	42.458	ng		93
19) n-Nitroso-di-n-propyla...	7.298	70	548700	45.090	ng		96
20) 3+4-Methylphenols	7.286	107	677001	45.702	ng		94
22) Acetophenone	7.286	105	967065	41.602	ng		97
24) Nitrobenzene	7.463	77	828782	41.311	ng		98
25) Isophorone	7.698	82	1596855	43.905	ng		99
26) 2-Nitrophenol	7.775	139	407185	47.055	ng		100
27) 2,4-Dimethylphenol	7.810	122	532189	48.053	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	937983	42.846	ng		100
29) 2,4-Dichlorophenol	8.016	162	608897	42.806	ng		94
30) 1,2,4-Trichlorobenzene	8.098	180	661074	39.970	ng		100
31) Naphthalene	8.181	128	2091239	40.372	ng		99
32) Benzoic acid	7.969	122	511672	50.329	ng		96
33) 4-Chloroaniline	8.228	127	455546	25.181	ng		97
34) Hexachlorobutadiene	8.292	225	372659	37.529	ng		99
35) Caprolactam	8.622	113	202714m	45.130	ng		
36) 4-Chloro-3-methylphenol	8.722	107	668552	44.125	ng		98
37) 2-Methylnaphthalene	8.869	142	1349232	40.303	ng		98
38) 1-Methylnaphthalene	8.969	142	1251598	38.550	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	603520	38.867	ng		98
41) Hexachlorocyclopentadiene	9.022	237	478257	104.636	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	418299	42.336	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	433317	40.325	ng	97
46) 1,1'-Biphenyl	9.339	154	1658796	39.574	ng	99
47) 2-Chloronaphthalene	9.363	162	1254556	39.255	ng	99
48) 2-Nitroaniline	9.463	65	495215	48.037	ng	95
49) Acenaphthylene	9.774	152	1929829	42.936	ng	99
50) Dimethylphthalate	9.645	163	1557729	43.175	ng	99
51) 2,6-Dinitrotoluene	9.704	165	344792	42.670	ng	98
52) Acenaphthene	9.951	154	1381480m	44.888	ng	
53) 3-Nitroaniline	9.874	138	274645	34.414	ng	93
54) 2,4-Dinitrophenol	9.980	184	356335	101.552	ng	98
55) Dibenzofuran	10.122	168	1695026	39.973	ng	98
56) 4-Nitrophenol	10.045	139	522693	101.015	ng	86
57) 2,4-Dinitrotoluene	10.110	165	439656	44.190	ng	96
58) Fluorene	10.463	166	1288535	38.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	361988	45.354	ng	99
60) Diethylphthalate	10.339	149	1429804	42.387	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	634343	37.106	ng	97
62) 4-Nitroaniline	10.492	138	332341	45.370	ng	97
63) Azobenzene	10.616	77	1571420	44.111	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	251631	50.291	ng	82
66) n-Nitrosodiphenylamine	10.574	169	1183335	41.045	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	400701	40.143	ng	93
68) Hexachlorobenzene	11.010	284	435284	39.564	ng	94
69) Atrazine	11.104	200	356841	44.145	ng	99
70) Pentachlorophenol	11.204	266	500928	89.707	ng	99
71) Phenanthrene	11.427	178	1883181	41.533	ng	99
72) Anthracene	11.474	178	1917148	42.398	ng	98
73) Carbazole	11.633	167	1597552	42.556	ng	100
74) Di-n-butylphthalate	11.957	149	2074141	43.598	ng	99
75) Fluoranthene	12.610	202	1688801	41.546	ng	97
77) Benzidine	12.727	184	61501	19.066	ng	98
78) Pyrene	12.839	202	1652538	38.330	ng	99
80) Butylbenzylphthalate	13.451	149	597824	45.568	ng	97
81) Benzo(a)anthracene	14.021	228	1142916	44.019	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	338036	44.097	ng	98
83) Chrysene	14.062	228	1120828	44.363	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	755939	45.946	ng	99
85) Di-n-octyl phthalate	14.621	149	1432945	49.759	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	1205157	49.915	ng	99
88) Benzo(b)fluoranthene	15.074	252	1194245	45.297	ng	97
89) Benzo(k)fluoranthene	15.104	252	1208355	49.760	ng	98
90) Benzo(a)pyrene	15.445	252	1143220	49.471	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	966686	49.601	ng	98
92) Benzo(g,h,i)perylene	17.427	276	908683	47.661	ng	98

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

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