Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138398.D
Acq On : 01 Jul 2024 12:28
Operator : CG\JU
Sample : PB161809BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 01 12:57:03 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

Instrument :
BNA_F
ClientSampleId :
PB161809BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	209693	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	874138	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	469795	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	757509	20.000	ng	0.00
76) Chrysene-d12	14.027	240	312092	20.000	ng	0.00
86) Perylene-d12	15.492	264	344844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1521853	120.326	ng	0.02
7) Phenol-d6	6.522	99	2071106	121.560	ng	0.00
23) Nitrobenzene-d5	7.445	82	1354121	80.472	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	456293	118.879	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2191199	74.228	ng	0.00
79) Terphenyl-d14	12.980	244	1850554	81.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	210001	35.250	ng	98
3) Pyridine	3.498	79	524065	36.874	ng	98
4) n-Nitrosodimethylamine	3.463	42	395922	44.653	ng	99
6) Aniline	6.539	93	501374	30.155	ng	97
8) 2-Chlorophenol	6.663	128	643191	47.371	ng	97
10) Phenol	6.534	94	800612	44.106	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	646115	45.321	ng	99
12) 1,3-Dichlorobenzene	6.816	146	633579	40.748	ng	99
13) 1,4-Dichlorobenzene	6.892	146	634435	40.693	ng	99
14) 1,2-Dichlorobenzene	7.045	146	615767	42.783	ng	98
15) Benzyl Alcohol	7.022	79	583770	47.837	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1263155	43.927	ng	94
17) 2-Methylphenol	7.134	107	506102	44.976	ng	97
18) Hexachloroethane	7.386	117	239144	42.526	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	469347	43.697	ng	98
20) 3+4-Methylphenols	7.286	107	590180	45.139	ng	98
22) Acetophenone	7.286	105	818845	41.291	ng	99
24) Nitrobenzene	7.463	77	703871	41.126	ng	97
25) Isophorone	7.698	82	1331250	42.905	ng	99
26) 2-Nitrophenol	7.775	139	342838	46.440	ng	97
27) 2,4-Dimethylphenol	7.810	122	457046	48.374	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	808065	43.267	ng	99
29) 2,4-Dichlorophenol	8.016	162	523256	43.119	ng	95
30) 1,2,4-Trichlorobenzene	8.098	180	560742	39.742	ng	100
31) Naphthalene	8.181	128	1795349	40.628	ng	100
32) Benzoic acid	7.957	122	387589	45.147	ng	98
33) 4-Chloroaniline	8.228	127	333700	21.622	ng	96
34) Hexachlorobutadiene	8.292	225	323784	38.221	ng	99
35) Caprolactam	8.610	113	179719m	46.900	ng	
36) 4-Chloro-3-methylphenol	8.716	107	565080	43.717	ng	99
37) 2-Methylnaphthalene	8.869	142	1154978	40.441	ng	98
38) 1-Methylnaphthalene	8.969	142	1072008	38.704	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	517955	39.859	ng	99
41) Hexachlorocyclopentadiene	9.022	237	433026	113.210	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	356562	43.122	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	371801	41.345	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1420856	40.506	ng	98
47) 2-Chloronaphthalene	9.363	162	1078289	40.317	ng	99
48) 2-Nitroaniline	9.457	65	397163	46.036	ng	96
49) Acenaphthylene	9.775	152	1663541	44.227	ng	99
50) Dimethylphthalate	9.639	163	1288869	42.688	ng	100
51) 2,6-Dinitrotoluene	9.698	165	291084	43.046	ng	96
52) Acenaphthene	9.945	154	1159309m	45.012	ng	
53) 3-Nitroaniline	9.869	138	203585	30.483	ng	96
54) 2,4-Dinitrophenol	9.975	184	268248	92.249	ng	99
55) Dibenzofuran	10.122	168	1472189	41.486	ng	100
56) 4-Nitrophenol	10.039	139	421959	97.445	ng	87
57) 2,4-Dinitrotoluene	10.104	165	368383	44.245	ng	96
58) Fluorene	10.463	166	1085038	38.481	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	306491	45.887	ng	99
60) Diethylphthalate	10.333	149	1203362	42.629	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	553384	38.681	ng	98
62) 4-Nitroaniline	10.486	138	272227	44.408	ng	98
63) Azobenzene	10.610	77	1312551	44.027	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	190931	47.186	ng	83
66) n-Nitrosodiphenylamine	10.575	169	1002293	42.620	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	337965	41.508	ng	97
68) Hexachlorobenzene	11.004	284	358685	39.967	ng	98
69) Atrazine	11.098	200	295759	44.855	ng	100
70) Pentachlorophenol	11.204	266	399761	87.765	ng	98
71) Phenanthrene	11.422	178	1586569	42.898	ng	99
72) Anthracene	11.474	178	1605582	43.531	ng	99
73) Carbazole	11.627	167	1340615	43.780	ng	99
74) Di-n-butylphthalate	11.957	149	1745878	44.989	ng	100
75) Fluoranthene	12.610	202	1443447	43.533	ng	99
77) Benzidine	12.727	184	126787	50.804	ng	98
78) Pyrene	12.833	202	1419492	42.555	ng	98
80) Butylbenzylphthalate	13.451	149	507157	49.966	ng	99
81) Benzo(a)anthracene	14.021	228	886614	44.137	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	224268	37.814	ng	99
83) Chrysene	14.057	228	871072	44.564	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	610345	47.949	ng	100
85) Di-n-octyl phthalate	14.615	149	994314	44.628	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	824251	47.571	ng	98
88) Benzo(b)fluoranthene	15.068	252	861758	45.547	ng	98
89) Benzo(k)fluoranthene	15.098	252	846539	48.576	ng	99
90) Benzo(a)pyrene	15.433	252	810699	48.885	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	657996	47.046	ng	100
92) Benzo(g,h,i)perylene	17.409	276	615613	44.993	ng	97

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

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