Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139717.D
Acq On : 09 Oct 2024 12:37
Operator : RC/JU
Sample : PB163987BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 09 13:24:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163987BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	104485	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	400008	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	224940	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	413544	20.000	ng	0.00
76) Chrysene-d12	14.033	240	217053	20.000	ng	0.00
86) Perylene-d12	15.498	264	191631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	729061	120.940	ng	0.01
7) Phenol-d6	6.504	99	968443	119.461	ng	0.00
23) Nitrobenzene-d5	7.434	82	638798	80.855	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	258150	118.885	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1173602	80.097	ng	0.00
79) Terphenyl-d14	12.974	244	1214499	91.811	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	104480	40.088	ng	98
3) Pyridine	3.481	79	273647	43.171	ng	96
4) n-Nitrosodimethylamine	3.440	42	184454	44.457	ng	95
6) Aniline	6.534	93	336422	46.766	ng	99
8) 2-Chlorophenol	6.651	128	312837	48.437	ng	99
9) Benzaldehyde	6.416	77	91840	21.386	ng	99
10) Phenol	6.522	94	403706	47.360	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	307090	44.246	ng	99
12) 1,3-Dichlorobenzene	6.810	146	320353	44.091	ng	98
13) 1,4-Dichlorobenzene	6.887	146	323573	43.971	ng	100
14) 1,2-Dichlorobenzene	7.034	146	310110	44.965	ng	100
15) Benzyl Alcohol	7.010	79	289655	46.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	553465	46.063	ng	88
17) 2-Methylphenol	7.128	107	253548	47.025	ng	97
18) Hexachloroethane	7.375	117	122647	44.684	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	237354	45.540	ng	98
20) 3+4-Methylphenols	7.281	107	315248	46.549	ng	95
22) Acetophenone	7.275	105	424407	44.698	ng	98
24) Nitrobenzene	7.451	77	357513	43.700	ng	100
25) Isophorone	7.692	82	641309	45.702	ng	100
26) 2-Nitrophenol	7.769	139	169185	48.105	ng	97
27) 2,4-Dimethylphenol	7.804	122	244533m	56.795	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	383155	45.727	ng	99
29) 2,4-Dichlorophenol	8.010	162	263303	46.885	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	276505	43.537	ng	99
31) Naphthalene	8.169	128	919925	44.980	ng	99
32) Benzoic acid	7.939	122	195543	45.675	ng	98
33) 4-Chloroaniline	8.222	127	128409	18.549	ng	99
34) Hexachlorobutadiene	8.287	225	176947	43.053	ng	99
35) Caprolactam	8.598	113	88052m	47.803	ng	
36) 4-Chloro-3-methylphenol	8.710	107	293043	46.096	ng	99
37) 2-Methylnaphthalene	8.863	142	600934	45.115	ng	100
38) 1-Methylnaphthalene	8.963	142	558992	42.933	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	283250	45.347	ng	98
41) Hexachlorocyclopentadiene	9.010	237	329542	172.060	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	193358	45.920	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	208896	46.002	ng	97
46) 1,1'-Biphenyl	9.328	154	752616	44.985	ng	100
47) 2-Chloronaphthalene	9.351	162	562110	44.817	ng	99
48) 2-Nitroaniline	9.451	65	211681	47.016	ng	99
49) Acenaphthylene	9.769	152	918492	48.154	ng	99
50) Dimethylphthalate	9.628	163	683086	46.390	ng	100
51) 2,6-Dinitrotoluene	9.692	165	151076	45.419	ng	95
52) Acenaphthene	9.939	154	661181m	50.494	ng	
53) 3-Nitroaniline	9.863	138	96097	28.271	ng	98
54) 2,4-Dinitrophenol	9.975	184	181071	101.209	ng	97
55) Dibenzofuran	10.110	168	839023	45.764	ng	100
56) 4-Nitrophenol	10.033	139	233418	90.048	ng	95
57) 2,4-Dinitrotoluene	10.098	165	203066	46.705	ng	99
58) Fluorene	10.457	166	661549	45.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	180261	49.149	ng	96
60) Diethylphthalate	10.328	149	694165	45.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	318262	43.565	ng	98
62) 4-Nitroaniline	10.480	138	161771	46.527	ng	97
63) Azobenzene	10.604	77	701733	45.879	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	117363	50.249	ng	94
66) n-Nitrosodiphenylamine	10.569	169	581108	47.672	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	195304	46.061	ng	98
68) Hexachlorobenzene	11.004	284	217879	46.308	ng	96
69) Atrazine	11.092	200	189237	57.861	ng	98
70) Pentachlorophenol	11.198	266	241366	86.153	ng	98
71) Phenanthrene	11.416	178	935217	47.963	ng	100
72) Anthracene	11.469	178	959005	49.714	ng	99
73) Carbazole	11.628	167	859367	46.384	ng	100
74) Di-n-butylphthalate	11.951	149	1060232	47.059	ng	99
75) Fluoranthene	12.604	202	971525	45.579	ng	99
77) Benzidine	12.727	184	323957	84.616	ng	100
78) Pyrene	12.833	202	981164	50.542	ng	99
80) Butylbenzylphthalate	13.451	149	350170	50.429	ng	97
81) Benzo(a)anthracene	14.021	228	690747	48.404	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	143956	32.962	ng	99
83) Chrysene	14.057	228	629903	48.280	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	437846	50.497	ng	99
85) Di-n-octyl phthalate	14.616	149	642140	50.410	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	630880	55.934	ng	100
88) Benzo(b)fluoranthene	15.074	252	559382	45.146	ng	99
89) Benzo(k)fluoranthene	15.104	252	509238	48.450	ng	99
90) Benzo(a)pyrene	15.439	252	507613	51.957	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	517184	55.285	ng	99
92) Benzo(g,h,i)perylene	17.427	276	481149	51.284	ng	100

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

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