Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131753.D
Acq On : 21 Dec 2022 19:23
Operator : CG\JU
Sample : PB149691BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 22 05:49:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149691BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90332	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	344999	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	207481	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	399240	20.000	ng	0.00
76) Chrysene-d12	14.069	240	296258	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	204349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	759861	141.646	ng	0.02
7) Phenol-d6	6.504	99	981042	135.870	ng	0.00
23) Nitrobenzene-d5	7.440	82	683149	80.387	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	309704	136.376	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1185771	80.058	ng	0.00
79) Terphenyl-d14	13.004	244	1592607	83.782	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	96581	38.527	ng	99
3) Pyridine	3.446	79	248019	34.697	ng	97
4) n-Nitrosodimethylamine	3.422	42	140749	43.521	ng	99
6) Aniline	6.534	93	156824	17.593	ng	95
8) 2-Chlorophenol	6.651	128	260907	45.282	ng	98
9) Benzaldehyde	6.416	77	74738	14.855	ng	98
10) Phenol	6.522	94	359854	41.743	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	295879	47.962	ng	99
12) 1,3-Dichlorobenzene	6.804	146	283057	43.459	ng	99
13) 1,4-Dichlorobenzene	6.881	146	289478	43.481	ng	96
14) 1,2-Dichlorobenzene	7.034	146	276352	44.333	ng	99
15) Benzyl Alcohol	7.016	79	240567m	37.302	ng	
16) 2,2'-oxybis(1-Chloropr...	7.140	45	350241	44.525	ng	90
17) 2-Methylphenol	7.128	107	230346	42.348	ng	98
18) Hexachloroethane	7.381	117	118567	44.926	ng	94
19) n-Nitroso-di-n-propyla...	7.287	70	226367	43.470	ng	98
20) 3+4-Methylphenols	7.281	107	291861	41.691	ng	93
22) Acetophenone	7.281	105	424480	42.161	ng	94
24) Nitrobenzene	7.457	77	346212	40.073	ng	97
25) Isophorone	7.692	82	622423	43.127	ng	98
26) 2-Nitrophenol	7.775	139	140632	41.651	ng	97
27) 2,4-Dimethylphenol	7.810	122	236910	49.264	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	348716	45.501	ng	100
29) 2,4-Dichlorophenol	8.016	162	237457	40.902	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	279156	40.902	ng	98
31) Naphthalene	8.181	128	747703	39.684	ng	100
32) Benzoic acid	7.951	122	177471	46.103	ng	97
33) 4-Chloroaniline	8.228	127	72806	9.908	ng	97
34) Hexachlorobutadiene	8.292	225	184453	40.169	ng	100
35) Caprolactam	8.610	113	63882m	36.493	ng	
36) 4-Chloro-3-methylphenol	8.722	107	278998	42.069	ng	99
37) 2-Methylnaphthalene	8.875	142	515136	40.081	ng	100
38) 1-Methylnaphthalene	8.975	142	479146	38.493	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	292516	41.208	ng	98
41) Hexachlorocyclopentadiene	9.022	237	365976	113.797	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	179507	38.711	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	206589	41.154	ng	94
46) 1,1'-Biphenyl	9.339	154	641721	41.119	ng	99
47) 2-Chloronaphthalene	9.363	162	518495	40.573	ng	98
48) 2-Nitroaniline	9.469	65	184377	40.029	ng	100
49) Acenaphthylene	9.786	152	771303	40.240	ng	99
50) Dimethylphthalate	9.645	163	641087	41.064	ng	100
51) 2,6-Dinitrotoluene	9.710	165	138377	41.221	ng	99
52) Acenaphthene	9.957	154	471207	40.130	ng	100
53) 3-Nitroaniline	9.881	138	75126	21.872	ng	94
54) 2,4-Dinitrophenol	9.992	184	182510	90.736	ng	99
55) Dibenzofuran	10.128	168	711582	39.520	ng	98
56) 4-Nitrophenol	10.051	139	190020	77.294	ng	98
57) 2,4-Dinitrotoluene	10.116	165	190092	42.141	ng	96
58) Fluorene	10.475	166	584539	40.154	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	163237m	38.951	ng	
60) Diethylphthalate	10.351	149	617303	41.036	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	318280	41.136	ng	98
62) 4-Nitroaniline	10.504	138	127176	36.789	ng	92
63) Azobenzene	10.622	77	664622	40.233	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	117032	42.696	ng	86
66) n-Nitrosodiphenylamine	10.586	169	494985	39.980	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	194665	41.284	ng	95
68) Hexachlorobenzene	11.016	284	212500	40.976	ng	99
69) Atrazine	11.110	200	105211	25.493	ng	99
70) Pentachlorophenol	11.216	266	240599	87.412	ng	96
71) Phenanthrene	11.439	178	869062	39.920	ng	99
72) Anthracene	11.492	178	875257	41.061	ng	99
73) Carbazole	11.651	167	767680	41.627	ng	100
74) Di-n-butylphthalate	11.975	149	980098	42.681	ng	100
75) Fluoranthene	12.633	202	1013612	41.806	ng	99
77) Benzidine	12.757	184	33386	6.146	ng	98
78) Pyrene	12.863	202	1027927	38.163	ng	100
80) Butylbenzylphthalate	13.480	149	408574	43.008	ng	99
81) Benzo(a)anthracene	14.057	228	852128	39.937	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	161715	27.147	ng	99
83) Chrysene	14.092	228	797382	39.595	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	554526	48.951	ng	99
85) Di-n-octyl phthalate	14.657	149	843397	53.336	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	578291	42.132	ng	99
88) Benzo(b)fluoranthene	15.121	252	669679	46.321	ng	100
89) Benzo(k)fluoranthene	15.151	252	666465	47.242	ng	98
90) Benzo(a)pyrene	15.498	252	541622	47.296	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	497836	43.889	ng	99
92) Benzo(g,h,i)perylene	17.527	276	468705	41.806	ng	98

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

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