Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133027.D
Acq On : 25 Apr 2023 12:36
Operator : CG\JU
Sample : PB152211BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 25 13:43:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	250618	20.000	ng		0.00
21) Naphthalene-d8	8.033	136	951591	20.000	ng		0.00
39) Acenaphthene-d10	9.786	164	519715	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	910422	20.000	ng		0.00
76) Chrysene-d12	13.904	240	586442	20.000	ng		0.00
86) Perylene-d12	15.321	264	487957	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1638165	98.741	ng		0.02
7) Phenol-d6	6.392	99	2018099	98.003	ng		0.00
23) Nitrobenzene-d5	7.316	82	1203450	68.263	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	551807	105.574	ng		0.00
45) 2-Fluorobiphenyl	9.110	172	2122337	68.320	ng		0.00
79) Terphenyl-d14	12.851	244	2351164	69.145	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	306866	39.877	ng		98
3) Pyridine	3.222	79	766419	37.499	ng		99
4) n-Nitrosodimethylamine	3.187	42	415088	39.209	ng		96
6) Aniline	6.410	93	878993	33.142	ng	#	13
8) 2-Chlorophenol	6.534	128	727831	43.208	ng		99
9) Benzaldehyde	6.292	77	409630	45.036	ng		99
10) Phenol	6.410	94	910959	40.100	ng		78
11) bis(2-Chloroethyl)ether	6.487	93	718534	42.150	ng		98
12) 1,3-Dichlorobenzene	6.686	146	777767	43.429	ng		99
13) 1,4-Dichlorobenzene	6.763	146	783969	43.678	ng		99
14) 1,2-Dichlorobenzene	6.916	146	715394	43.232	ng		96
15) Benzyl Alcohol	6.892	79	573548	40.321	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1166448	39.395	ng		96
17) 2-Methylphenol	7.010	107	628783	40.765	ng		97
18) Hexachloroethane	7.257	117	263564	42.236	ng		94
19) n-Nitroso-di-n-propyla...	7.169	70	493157	38.468	ng		98
20) 3+4-Methylphenols	7.169	107	720621	39.671	ng	#	75
22) Acetophenone	7.157	105	991914	44.999	ng	#	96
24) Nitrobenzene	7.334	77	741787	41.523	ng		99
25) Isophorone	7.575	82	1424164	42.547	ng		100
26) 2-Nitrophenol	7.651	139	414106	48.059	ng	#	89
27) 2,4-Dimethylphenol	7.692	122	671998	45.482	ng		100
28) bis(2-Chloroethoxy)met...	7.786	93	835562	42.196	ng		99
29) 2,4-Dichlorophenol	7.898	162	599633	44.581	ng		96
30) 1,2,4-Trichlorobenzene	7.975	180	620856	44.555	ng		100
31) Naphthalene	8.057	128	1998971	42.016	ng		99
32) Benzoic acid	7.833	122	508848	55.755	ng		97
33) 4-Chloroaniline	8.098	127	322062	16.754	ng		98
34) Hexachlorobutadiene	8.175	225	342490	44.346	ng		99
35) Caprolactam	8.486	113	216878m	47.998	ng		
36) 4-Chloro-3-methylphenol	8.592	107	669447	46.154	ng		98
37) 2-Methylnaphthalene	8.745	142	1344838	41.345	ng		98
38) 1-Methylnaphthalene	8.845	142	1345591	44.222	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	565436	40.464	ng		99
41) Hexachlorocyclopentadiene	8.904	237	807805	99.123	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	415801	43.027	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	447964	40.081	ng		99
46) 1,1'-Biphenyl	9.210	154	1678087	40.719	ng		99
47) 2-Chloronaphthalene	9.233	162	1258396	41.719	ng		99
48) 2-Nitroaniline	9.328	65	412202	41.348	ng		95
49) Acenaphthylene	9.645	152	1975295	40.984	ng		100
50) Dimethylphthalate	9.516	163	1501580	41.436	ng		99
51) 2,6-Dinitrotoluene	9.575	165	354681	43.485	ng	#	83
52) Acenaphthene	9.822	154	1447733m	44.849	ng		
53) 3-Nitroaniline	9.739	138	279708	28.841	ng		99
54) 2,4-Dinitrophenol	9.845	184	427076	104.170	ng		95
55) Dibenzofuran	9.992	168	1780428	40.434	ng		99
56) 4-Nitrophenol	9.910	139	675753	89.964	ng		92
57) 2,4-Dinitrotoluene	9.975	165	470394	45.223	ng		97
58) Fluorene	10.333	166	1297042	40.205	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	381981	44.085	ng		97
60) Diethylphthalate	10.216	149	1417926	41.424	ng		98
61) 4-Chlorophenyl-phenyle...	10.327	204	635069	40.396	ng		100
62) 4-Nitroaniline	10.357	138	404409	45.370	ng		98
63) Azobenzene	10.486	77	1445790	39.872	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	269276	48.797	ng		98
66) n-Nitrosodiphenylamine	10.445	169	1205245	40.812	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	417871	42.320	ng		98
68) Hexachlorobenzene	10.880	284	456975	45.165	ng		99
69) Atrazine	10.980	200	408869	48.049	ng		98
70) Pentachlorophenol	11.074	266	561249	77.888	ng		98
71) Phenanthrene	11.292	178	1968950	40.238	ng		99
72) Anthracene	11.345	178	2037223	40.682	ng		99
73) Carbazole	11.498	167	1882830	42.225	ng		99
74) Di-n-butylphthalate	11.833	149	2235332	44.298	ng		100
75) Fluoranthene	12.474	202	2039561	41.531	ng		99
77) Benzidine	12.598	184	1108571	111.784	ng	#	93
78) Pyrene	12.704	202	2076636	41.308	ng		98
80) Butylbenzylphthalate	13.327	149	906614	50.934	ng		95
81) Benzo(a)anthracene	13.892	228	1631646	40.460	ng		99
82) 3,3'-Dichlorobenzidine	13.857	252	363870	32.662	ng		100
83) Chrysene	13.933	228	1657070	41.100	ng		99
84) Bis(2-ethylhexyl)phtha...	13.892	149	969760	43.405	ng		100
85) Di-n-octyl phthalate	14.504	149	1615645	44.349	ng		98
87) Indeno(1,2,3-cd)pyrene	16.709	276	1401774	50.503	ng		100
88) Benzo(b)fluoranthene	14.915	252	1455485	46.886	ng		98
89) Benzo(k)fluoranthene	14.951	252	1255152	40.788	ng		99
90) Benzo(a)pyrene	15.262	252	1145018	40.523	ng		99
91) Dibenzo(a,h)anthracene	16.727	278	1166786	50.401	ng		99
92) Benzo(g,h,i)perylene	17.133	276	1184478	51.826	ng		99

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

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