Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134294.D
Acq On : 14 Jul 2023 17:08
Operator : CG\JU
Sample : PB154177BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 00:47:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB154177BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	78411	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	310287	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	161188	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	324603	20.000	ng		0.00
76) Chrysene-d12	14.045	240	250139	20.000	ng		0.00
86) Perylene-d12	15.545	264	225160	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.486	112	556094	118.633	ng		0.02
7) Phenol-d6	6.486	99	665359	115.420	ng		0.00
23) Nitrobenzene-d5	7.410	82	463571	80.535	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	255782	126.564	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	893547	80.597	ng		0.00
79) Terphenyl-d14	12.974	244	1169890	75.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	78195	40.457	ng		99
3) Pyridine	3.475	79	151164	30.026	ng		99
4) n-Nitrosodimethylamine	3.428	42	120894	42.045	ng		95
6) Aniline	6.510	93	146852	20.934	ng	#	78
8) 2-Chlorophenol	6.633	128	219343	46.096	ng		95
9) Benzaldehyde	6.398	77	51130	13.207	ng		96
10) Phenol	6.498	94	259195	42.763	ng		91
11) bis(2-Chloroethyl)ether	6.580	93	200605	44.955	ng		97
12) 1,3-Dichlorobenzene	6.786	146	231092	45.553	ng		97
13) 1,4-Dichlorobenzene	6.863	146	233580	45.586	ng		98
14) 1,2-Dichlorobenzene	7.010	146	221510	46.159	ng		97
15) Benzyl Alcohol	6.992	79	196318	44.175	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	311528	39.462	ng		84
17) 2-Methylphenol	7.104	107	179860	42.210	ng		96
18) Hexachloroethane	7.351	117	92593	48.735	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	161603	44.205	ng		98
20) 3+4-Methylphenols	7.257	107	222415	43.026	ng		97
22) Acetophenone	7.251	105	318585	45.146	ng	#	96
24) Nitrobenzene	7.427	77	242767	41.736	ng		94
25) Isophorone	7.663	82	432055	41.300	ng		97
26) 2-Nitrophenol	7.745	139	120526	43.193	ng		97
27) 2,4-Dimethylphenol	7.780	122	196299	44.442	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	246859	40.753	ng		99
29) 2,4-Dichlorophenol	7.986	162	189967	43.372	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	203123	44.945	ng		97
31) Naphthalene	8.145	128	624877	41.692	ng		100
32) Benzoic acid	7.922	122	145698	44.021	ng		93
33) 4-Chloroaniline	8.198	127	82945	12.937	ng		99
34) Hexachlorobutadiene	8.257	225	129829	45.540	ng		98
35) Caprolactam	8.569	113	63518m	44.044	ng		
36) 4-Chloro-3-methylphenol	8.686	107	216129	43.925	ng		95
37) 2-Methylnaphthalene	8.839	142	425497	40.146	ng		100
38) 1-Methylnaphthalene	8.939	142	395373	40.127	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	212821	44.566	ng		98
41) Hexachlorocyclopentadiene	8.986	237	183917	81.179	ng		97
43) 2,4,6-Trichlorophenol	9.121	196	133143	40.956	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	146783	38.386	ng		97
46) 1,1'-Biphenyl	9.304	154	543815	42.059	ng		98
47) 2-Chloronaphthalene	9.327	162	409424	43.278	ng		96
48) 2-Nitroaniline	9.433	65	140579	40.773	ng		94
49) Acenaphthylene	9.745	152	652540	40.378	ng		100
50) Dimethylphthalate	9.610	163	489217	41.811	ng		99
51) 2,6-Dinitrotoluene	9.674	165	105390	41.819	ng		94
52) Acenaphthene	9.916	154	388776	41.459	ng		100
53) 3-Nitroaniline	9.845	138	76296	25.236	ng		98
54) 2,4-Dinitrophenol	9.963	184	121816	83.521	ng		93
55) Dibenzofuran	10.092	168	597637	40.780	ng		98
56) 4-Nitrophenol	10.016	139	157699	74.570	ng		89
57) 2,4-Dinitrotoluene	10.086	165	144699	43.477	ng	#	90
58) Fluorene	10.433	166	480545	42.147	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	128386	42.564	ng		99
60) Diethylphthalate	10.310	149	511309	41.944	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	238195	43.351	ng		100
62) 4-Nitroaniline	10.468	138	102720	33.713	ng		95
63) Azobenzene	10.586	77	465856	40.400	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	83926	47.423	ng		95
66) n-Nitrosodiphenylamine	10.551	169	425158	40.994	ng		99
67) 4-Bromophenyl-phenylether	10.921	248	146523	42.469	ng		95
68) Hexachlorobenzene	10.986	284	169519	46.276	ng		97
69) Atrazine	11.074	200	106930	37.274	ng		98
70) Pentachlorophenol	11.186	266	157719	72.007	ng		97
71) Phenanthrene	11.404	178	689862	42.216	ng		99
72) Anthracene	11.457	178	702404	41.326	ng		99
73) Carbazole	11.615	167	664421	42.709	ng		99
74) Di-n-butylphthalate	11.939	149	829315	44.827	ng		99
75) Fluoranthene	12.598	202	785749	44.478	ng		99
77) Benzidine	12.727	184	112156	18.844	ng		99
78) Pyrene	12.833	202	800013	34.367	ng		99
80) Butylbenzylphthalate	13.451	149	352696	40.397	ng		100
81) Benzo(a)anthracene	14.033	228	718131	41.397	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	189621	34.501	ng		98
83) Chrysene	14.068	228	686764	40.873	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	492153	49.058	ng		99
85) Di-n-octyl phthalate	14.633	149	816645	55.401	ng		98
87) Indeno(1,2,3-cd)pyrene	17.103	276	682967	43.713	ng		96
88) Benzo(b)fluoranthene	15.103	252	671898	50.749	ng		98
89) Benzo(k)fluoranthene	15.133	252	663025	49.186	ng		97
90) Benzo(a)pyrene	15.480	252	572107	44.687	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	567366	44.460	ng		96
92) Benzo(g,h,i)perylene	17.568	276	550951	41.865	ng		96

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

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