Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
Data File : BF133115.D
Acq On : 28 Apr 2023 10:47
Operator : CG\JU
Sample : PB152460BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 11:07:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152460BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	195818	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	817481	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	432093	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	762637	20.000	ng		0.00
76) Chrysene-d12	13.892	240	503022	20.000	ng		0.00
86) Perylene-d12	15.310	264	426531	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1616619	124.712	ng		0.02
7) Phenol-d6	6.387	99	1951877	121.313	ng		0.00
23) Nitrobenzene-d5	7.304	82	1205551	79.600	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	533119	122.682	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	2108172	81.625	ng		0.00
79) Terphenyl-d14	12.845	244	2397213	82.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	213507	35.510	ng		97
3) Pyridine	3.175	79	564499	35.348	ng		96
4) n-Nitrosodimethylamine	3.134	42	335281	40.534	ng		93
6) Aniline	6.398	93	734749	35.456	ng	#	32
8) 2-Chlorophenol	6.522	128	598492	45.473	ng		97
9) Benzaldehyde	6.281	77	320210	45.070	ng		99
10) Phenol	6.398	94	697232	39.281	ng	#	67
11) bis(2-Chloroethyl)ether	6.475	93	557857	41.882	ng		99
12) 1,3-Dichlorobenzene	6.681	146	617253	44.111	ng		97
13) 1,4-Dichlorobenzene	6.757	146	617544	44.034	ng		97
14) 1,2-Dichlorobenzene	6.910	146	607209	46.964	ng		98
15) Benzyl Alcohol	6.887	79	468318	42.137	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	893682	38.630	ng		93
17) 2-Methylphenol	7.004	107	518325	43.008	ng		99
18) Hexachloroethane	7.251	117	213848	43.860	ng		100
19) n-Nitroso-di-n-propyla...	7.163	70	390814	39.016	ng		94
20) 3+4-Methylphenols	7.157	107	588183	41.442	ng	#	89
22) Acetophenone	7.151	105	802544	42.380	ng	#	97
24) Nitrobenzene	7.322	77	601240	39.177	ng		97
25) Isophorone	7.563	82	1124661	39.112	ng		99
26) 2-Nitrophenol	7.640	139	339096	45.810	ng		94
27) 2,4-Dimethylphenol	7.687	122	550872	43.400	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	678661	39.895	ng		99
29) 2,4-Dichlorophenol	7.887	162	503997	43.618	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	517168	43.203	ng		99
31) Naphthalene	8.045	128	1656263	40.524	ng		100
32) Benzoic acid	7.822	122	392425	50.053	ng		96
33) 4-Chloroaniline	8.092	127	460332	27.876	ng		100
34) Hexachlorobutadiene	8.163	225	278851	42.029	ng		99
35) Caprolactam	8.475	113	179688m	46.291	ng		
36) 4-Chloro-3-methylphenol	8.581	107	544885	43.729	ng		99
37) 2-Methylnaphthalene	8.734	142	1115557	39.923	ng		98
38) 1-Methylnaphthalene	8.834	142	1042145	39.868	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	467123	40.208	ng		99
41) Hexachlorocyclopentadiene	8.892	237	611793	90.295	ng		98
43) 2,4,6-Trichlorophenol	9.016	196	333068	41.455	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	363505	39.120	ng		98
46) 1,1'-Biphenyl	9.204	154	1372498	40.058	ng		98
47) 2-Chloronaphthalene	9.222	162	1029788	41.063	ng		98
48) 2-Nitroaniline	9.322	65	325176	39.233	ng		93
49) Acenaphthylene	9.639	152	1574130	39.283	ng		100
50) Dimethylphthalate	9.504	163	1211396	40.207	ng		99
51) 2,6-Dinitrotoluene	9.563	165	279711	41.248	ng		90
52) Acenaphthene	9.810	154	1172977m	43.706	ng		
53) 3-Nitroaniline	9.728	138	263939	32.734	ng		99
54) 2,4-Dinitrophenol	9.839	184	343126	100.665	ng		94
55) Dibenzofuran	9.981	168	1451045	39.636	ng		98
56) 4-Nitrophenol	9.904	139	532043	85.195	ng		98
57) 2,4-Dinitrotoluene	9.969	165	378501	43.767	ng	#	85
58) Fluorene	10.322	166	1077111	40.159	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	304891	42.324	ng		97
60) Diethylphthalate	10.204	149	1130007	39.707	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	514919	39.395	ng		97
62) 4-Nitroaniline	10.351	138	337113	45.490	ng		91
63) Azobenzene	10.475	77	1125003	37.317	ng		98
65) 4,6-Dinitro-2-methylph...	10.375	198	222408	48.114	ng		90
66) n-Nitrosodiphenylamine	10.439	169	988610	39.963	ng		99
67) 4-Bromophenyl-phenylether	10.804	248	335523	40.565	ng		97
68) Hexachlorobenzene	10.875	284	372456	43.945	ng		95
69) Atrazine	10.969	200	327396	45.930	ng		97
70) Pentachlorophenol	11.069	266	453415	75.117	ng		98
71) Phenanthrene	11.281	178	1640155	40.014	ng		99
72) Anthracene	11.333	178	1673276	39.889	ng		99
73) Carbazole	11.486	167	1549558	41.485	ng		99
74) Di-n-butylphthalate	11.822	149	1760446	41.648	ng		99
75) Fluoranthene	12.469	202	1684982	40.960	ng		97
77) Benzidine	12.586	184	790813	92.967	ng	#	93
78) Pyrene	12.698	202	1737646	40.297	ng		99
80) Butylbenzylphthalate	13.322	149	729297	47.767	ng		98
81) Benzo(a)anthracene	13.886	228	1387511	40.112	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	408430	42.741	ng		99
83) Chrysene	13.922	228	1369460	39.600	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	825889	43.096	ng		100
85) Di-n-octyl phthalate	14.492	149	1465434	46.897	ng		96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1166811	48.092	ng		99
88) Benzo(b)fluoranthene	14.910	252	1261982	46.507	ng		99
89) Benzo(k)fluoranthene	14.939	252	1123582	41.770	ng		100
90) Benzo(a)pyrene	15.251	252	1022527	41.400	ng		99
91) Dibenzo(a,h)anthracene	16.715	278	980913	48.474	ng		99
92) Benzo(g,h,i)perylene	17.115	276	975371	48.823	ng		96

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

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