Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130819.D
Acq On : 28 Oct 2022 10:41
Operator : CG\JU
Sample : PB148383BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 28 16:49:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 04:00:21 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148383BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	98039	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	379911	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	210336	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	406432	20.000	ng	0.00
76) Chrysene-d12	14.139	240	263221	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	184248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	529554	93.640	ng	0.01
7) Phenol-d6	6.569	99	674665	91.805	ng	0.00
23) Nitrobenzene-d5	7.522	82	641205	101.771	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	187627	105.968	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1168696	84.005	ng	0.00
79) Terphenyl-d14	13.086	244	1365060	95.031	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	98370	38.797	ng	90
3) Pyridine	3.616	79	263039	37.039	ng	96
4) n-Nitrosodimethylamine	3.587	42	190464	47.774	ng	100
6) Aniline	6.616	93	392894m	43.236	ng	
8) 2-Chlorophenol	6.740	128	302880	48.078	ng	99
9) Benzaldehyde	6.504	77	169312	35.997	ng	92
10) Phenol	6.587	94	364389	46.077	ng	98
11) bis(2-Chloroethyl)ether	6.687	93	293060	47.537	ng	95
12) 1,3-Dichlorobenzene	6.898	146	325683	45.623	ng	99
13) 1,4-Dichlorobenzene	6.975	146	328791	45.375	ng	99
14) 1,2-Dichlorobenzene	7.128	146	317883	47.369	ng	100
15) Benzyl Alcohol	7.092	79	280143m	44.831	ng	
16) 2,2'-oxybis(1-Chloropr...	7.228	45	531552	48.372	ng	99
17) 2-Methylphenol	7.198	107	245650	45.622	ng	99
18) Hexachloroethane	7.469	117	126086	48.146	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	228618	45.723	ng	97
20) 3+4-Methylphenols	7.351	107	311786	44.535	ng	94
22) Acetophenone	7.369	105	433425	47.055	ng	98
24) Nitrobenzene	7.539	77	339177	49.232	ng	99
25) Isophorone	7.781	82	629808	48.475	ng	100
26) 2-Nitrophenol	7.857	139	137634	50.442	ng	94
27) 2,4-Dimethylphenol	7.887	122	285807	52.857	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	356963	49.195	ng	98
29) 2,4-Dichlorophenol	8.092	162	255588	45.949	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	264286	44.185	ng	96
31) Naphthalene	8.263	128	876637	44.227	ng	99
32) Benzoic acid	8.004	122	182078	47.480	ng	94
33) 4-Chloroaniline	8.310	127	277465	35.425	ng	97
34) Hexachlorobutadiene	8.375	225	181042	45.596	ng	99
35) Caprolactam	8.681	113	87735m	49.220	ng	
36) 4-Chloro-3-methylphenol	8.786	107	284549	47.161	ng	97
37) 2-Methylnaphthalene	8.957	142	551808	44.258	ng	99
38) 1-Methylnaphthalene	9.057	142	529163	43.611	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	276279	46.319	ng	99
41) Hexachlorocyclopentadiene	9.110	237	370299	118.154	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	186986	45.114	ng	99

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44) 2,4,5-Trichlorophenol	9.269	196	202878	45.815	ng		96
46) 1,1'-Biphenyl	9.422	154	690542	46.081	ng		99
47) 2-Chloronaphthalene	9.445	162	531930	44.268	ng		100
48) 2-Nitroaniline	9.539	65	192862	49.749	ng		99
49) Acenaphthylene	9.869	152	846168	44.562	ng		100
50) Dimethylphthalate	9.722	163	656388	45.434	ng		99
51) 2,6-Dinitrotoluene	9.786	165	139236	50.542	ng	#	82
52) Acenaphthene	10.039	154	583594	49.703	ng		99
53) 3-Nitroaniline	9.951	138	123229	43.792	ng	#	94
54) 2,4-Dinitrophenol	10.057	184	124852	89.718	ng		95
55) Dibenzofuran	10.210	168	759693	44.637	ng		99
56) 4-Nitrophenol	10.104	139	232154	104.194	ng		97
57) 2,4-Dinitrotoluene	10.186	165	182571	52.532	ng	#	88
58) Fluorene	10.557	166	592886	44.241	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	168074	46.037	ng		100
60) Diethylphthalate	10.428	149	667001	46.945	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	292424	45.612	ng		98
62) 4-Nitroaniline	10.575	138	148234	52.023	ng		97
63) Azobenzene	10.704	77	680387	45.874	ng		98
65) 4,6-Dinitro-2-methylph...	10.592	198	76763	45.656	ng		94
66) n-Nitrosodiphenylamine	10.663	169	562469	44.368	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	188688	46.164	ng		99
68) Hexachlorobenzene	11.098	284	206830	45.928	ng		98
69) Atrazine	11.192	200	201526	55.045	ng		98
70) Pentachlorophenol	11.292	266	239436	93.175	ng		97
71) Phenanthrene	11.522	178	913657	43.555	ng		100
72) Anthracene	11.575	178	936283	45.252	ng		100
73) Carbazole	11.727	167	835435	45.088	ng		99
74) Di-n-butylphthalate	12.051	149	1043296	46.362	ng		99
75) Fluoranthene	12.710	202	985442	44.214	ng		99
77) Benzidine	12.833	184	488249	76.412	ng		99
78) Pyrene	12.945	202	990847	44.618	ng		99
80) Butylbenzylphthalate	13.557	149	391388	48.987	ng		99
81) Benzo(a)anthracene	14.133	228	781309	44.770	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	199041	42.258	ng		96
83) Chrysene	14.168	228	724139	43.018	ng		100
84) Bis(2-ethylhexyl)phtha...	14.116	149	494136	51.438	ng		99
85) Di-n-octyl phthalate	14.739	149	678790	51.198	ng		99
87) Indeno(1,2,3-cd)pyrene	17.215	276	614332	50.209	ng		99
88) Benzo(b)fluoranthene	15.210	252	588489	49.410	ng		99
89) Benzo(k)fluoranthene	15.239	252	579155	49.902	ng		99
90) Benzo(a)pyrene	15.592	252	493191	51.511	ng		99
91) Dibenzo(a,h)anthracene	17.239	278	535873	53.725	ng		99
92) Benzo(g,h,i)perylene	17.692	276	546261	53.682	ng		98

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

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