Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126515.D
Acq On : 6 Jan 2022 12:25
Operator : JU/CG
Sample : PB141826BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 07 08:31:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141826BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	108995	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	465038	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	210474	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	330341	20.000	ng	0.00
76) Chrysene-d12	13.939	240	174025	20.000	ng	-0.01
86) Perylene-d12	15.374	264	163838	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	881466	116.137	ng	0.01
7) Phenol-d6	6.416	99	1111868	113.104	ng	0.00
23) Nitrobenzene-d5	7.345	82	715041	78.950	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	215093	132.249	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	957202	80.030	ng	0.00
79) Terphenyl-d14	12.892	244	821726	91.743	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	137806	36.207	ng	98
3) Pyridine	3.293	79	303560	29.568	ng	99
4) n-Nitrosodimethylamine	3.240	42	167953	39.790	ng	96
6) Aniline	6.440	93	310367	25.390	ng	99
8) 2-Chlorophenol	6.563	128	365329	48.266	ng	95
9) Benzaldehyde	6.322	77	241223	39.638	ng	99
10) Phenol	6.434	94	454689	41.447	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	375014	44.769	ng	95
12) 1,3-Dichlorobenzene	6.716	146	347286	45.914	ng	98
13) 1,4-Dichlorobenzene	6.792	146	348753	46.193	ng	99
14) 1,2-Dichlorobenzene	6.945	146	341132	46.372	ng	97
15) Benzyl Alcohol	6.922	79	307805	44.752	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	569883	43.318	ng	99
17) 2-Methylphenol	7.040	107	292461	43.926	ng	99
18) Hexachloroethane	7.292	117	135081	44.906	ng	94
19) n-Nitroso-di-n-propyla...	7.198	70	235465	41.975	ng	99
20) 3+4-Methylphenols	7.192	107	325361	41.046	ng	93
22) Acetophenone	7.192	105	473971	44.087	ng	96
24) Nitrobenzene	7.363	77	375650	41.448	ng	95
25) Isophorone	7.604	82	674923	41.628	ng	97
26) 2-Nitrophenol	7.681	139	182905	45.525	ng	94
27) 2,4-Dimethylphenol	7.722	122	305365	48.608	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	438542	41.405	ng	99
29) 2,4-Dichlorophenol	7.922	162	253708	44.228	ng	100
30) 1,2,4-Trichlorobenzene	8.004	180	269381	45.059	ng	99
31) Naphthalene	8.087	128	977931	44.553	ng	100
32) Benzoic acid	7.857	122	206462	45.699	ng	96
33) 4-Chloroaniline	8.134	127	86848	9.445	ng	94
34) Hexachlorobutadiene	8.204	225	130921	45.055	ng	99
35) Caprolactam	8.510	113	99464m	68.159	ng	
36) 4-Chloro-3-methylphenol	8.622	107	304218	43.456	ng	98
37) 2-Methylnaphthalene	8.775	142	611295	47.210	ng	100
38) 1-Methylnaphthalene	8.875	142	564926	45.126	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	208522	45.593	ng	98
41) Hexachlorocyclopentadiene	8.934	237	219833	118.057	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	154128	45.568	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	164835	45.275	ng		97
46) 1,1'-Biphenyl	9.239	154	703314	45.560	ng		99
47) 2-Chloronaphthalene	9.263	162	519970	44.471	ng		98
48) 2-Nitroaniline	9.363	65	184351	39.045	ng	#	87
49) Acenaphthylene	9.681	152	793730	44.759	ng		99
50) Dimethylphthalate	9.545	163	576224	43.855	ng		99
51) 2,6-Dinitrotoluene	9.604	165	134771	47.494	ng		98
52) Acenaphthene	9.851	154	559260m	48.105	ng		
53) 3-Nitroaniline	9.769	138	75604	19.432	ng		95
54) 2,4-Dinitrophenol	9.881	184	120614	82.577	ng		93
55) Dibenzofuran	10.028	168	678783	43.189	ng		99
56) 4-Nitrophenol	9.945	139	235893	85.252	ng		94
57) 2,4-Dinitrotoluene	10.010	165	176242	48.140	ng		92
58) Fluorene	10.369	166	494189	44.472	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	121825	46.620	ng		94
60) Diethylphthalate	10.245	149	553305	43.694	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	210388	43.384	ng		94
62) 4-Nitroaniline	10.392	138	153597	41.918	ng		94
63) Azobenzene	10.522	77	651734	39.957	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	80783	45.158	ng		90
66) n-Nitrosodiphenylamine	10.480	169	462834	45.160	ng		97
67) 4-Bromophenyl-phenylether	10.851	248	135657	46.266	ng		99
68) Hexachlorobenzene	10.916	284	163771	48.018	ng		97
69) Atrazine	11.010	200	134826	76.398	ng		99
70) Pentachlorophenol	11.110	266	154520	93.216	ng		99
71) Phenanthrene	11.327	178	765068	45.301	ng		99
72) Anthracene	11.380	178	787579	46.605	ng		99
73) Carbazole	11.533	167	717997	43.389	ng		100
74) Di-n-butylphthalate	11.869	149	815023	43.261	ng		99
75) Fluoranthene	12.516	202	712177	46.203	ng		99
77) Benzidine	12.633	184	228441	82.136	ng		99
78) Pyrene	12.745	202	722087	49.099	ng		100
80) Butylbenzylphthalate	13.369	149	293035	44.966	ng	#	85
81) Benzo(a)anthracene	13.933	228	449428	44.907	ng		100
82) 3,3'-Dichlorobenzidine	13.892	252	70762	15.155	ng		99
83) Chrysene	13.968	228	470457	45.828	ng		99
84) Bis(2-ethylhexyl)phtha...	13.927	149	291925	43.224	ng		100
85) Di-n-octyl phthalate	14.539	149	503017	42.946	ng		96
87) Indeno(1,2,3-cd)pyrene	16.792	276	524357	47.822	ng		97
88) Benzo(b)fluoranthene	14.963	252	485895	49.784	ng		98
89) Benzo(k)fluoranthene	14.992	252	409055	43.265	ng		99
90) Benzo(a)pyrene	15.315	252	444522	54.318	ng		97
91) Dibenzo(a,h)anthracene	16.809	278	428693	48.452	ng		98
92) Benzo(g,h,i)perylene	17.221	276	464990	49.355	ng		95

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

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