Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133165.D
Acq On : 01 May 2023 20:11
Operator : CG\JU
Sample : 02558-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:22:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 15:02:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	204358	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	790892	20.000	ng	#	0.00
39) Acenaphthene-d10	9.775	164	397770	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	649297	20.000	ng		0.00
76) Chrysene-d12	13.892	240	271878	20.000	ng	#	0.00
86) Perylene-d12	15.321	264	356467	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	894634	66.131	ng		0.00
7) Phenol-d6	6.375	99	1100813	65.559	ng		0.00
23) Nitrobenzene-d5	7.298	82	605959	41.356	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	251358	62.834	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1095817	46.089	ng		0.00
79) Terphenyl-d14	12.839	244	772096	48.978	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	286676	45.686	ng		96
3) Pyridine	3.169	79	722743	43.366	ng		93
4) n-Nitrosodimethylamine	3.128	42	386229	44.742	ng		98
6) Aniline	6.392	93	616135	28.490	ng	#	44
8) 2-Chlorophenol	6.516	128	691157	50.319	ng		97
9) Benzaldehyde	6.275	77	393375	60.024	ng		99
10) Phenol	6.387	94	907890	49.012	ng		85
11) bis(2-Chloroethyl)ether	6.469	93	651729	46.885	ng		97
12) 1,3-Dichlorobenzene	6.675	146	727435	49.813	ng		97
13) 1,4-Dichlorobenzene	6.751	146	714883	48.845	ng		97
14) 1,2-Dichlorobenzene	6.904	146	697145	51.666	ng		99
15) Benzyl Alcohol	6.881	79	567570	48.933	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1014940	42.038	ng		92
17) 2-Methylphenol	6.998	107	557962	44.363	ng		99
18) Hexachloroethane	7.245	117	263910	51.865	ng		96
19) n-Nitroso-di-n-propyla...	7.157	70	444378	42.510	ng		90
20) 3+4-Methylphenols	7.151	107	649261	43.834	ng	#	84
22) Acetophenone	7.145	105	983652	53.691	ng		97
24) Nitrobenzene	7.316	77	666308	44.876	ng		98
25) Isophorone	7.557	82	1303975	46.872	ng		98
26) 2-Nitrophenol	7.633	139	377716	52.743	ng		96
27) 2,4-Dimethylphenol	7.681	122	594365	48.401	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	757431	46.022	ng		98
29) 2,4-Dichlorophenol	7.881	162	546703	48.904	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	570259	49.239	ng		99
31) Naphthalene	8.039	128	2023223	51.166	ng		98
32) Benzoic acid	7.798	122	311222	41.030	ng		95
33) 4-Chloroaniline	8.086	127	210665	13.186	ng		99
34) Hexachlorobutadiene	8.163	225	310526	48.377	ng		98
35) Caprolactam	8.469	113	251334m	66.925	ng		
36) 4-Chloro-3-methylphenol	8.581	107	601928	49.931	ng		100
37) 2-Methylnaphthalene	8.733	142	1518692	56.177	ng		97
38) 1-Methylnaphthalene	8.833	142	1308901	51.756	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	500775	46.824	ng		98
41) Hexachlorocyclopentadiene	8.886	237	533199	85.485	ng		98
43) 2,4,6-Trichlorophenol	9.010	196	354845	47.976	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	363367	42.479	ng		98
46) 1,1'-Biphenyl	9.198	154	1441680	45.708	ng		99
47) 2-Chloronaphthalene	9.222	162	1084279	46.966	ng		99
48) 2-Nitroaniline	9.316	65	355558	46.601	ng		96
49) Acenaphthylene	9.633	152	1655942	44.891	ng		99
50) Dimethylphthalate	9.504	163	1208230	43.562	ng		99
51) 2,6-Dinitrotoluene	9.563	165	302177	48.406	ng		87
52) Acenaphthene	9.810	154	1126343m	45.590	ng		
53) 3-Nitroaniline	9.727	138	283440	38.186	ng		96
54) 2,4-Dinitrophenol	9.833	184	162452	51.772	ng		98
55) Dibenzofuran	9.980	168	1427994	42.372	ng		96
56) 4-Nitrophenol	9.898	139	514976	89.578	ng		92
57) 2,4-Dinitrotoluene	9.963	165	401586	50.444	ng	#	95
58) Fluorene	10.322	166	1099790	44.542	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	291435	43.947	ng	#	97
60) Diethylphthalate	10.198	149	1177397	44.942	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	519114	43.143	ng		97
62) 4-Nitroaniline	10.339	138	310700	45.543	ng		100
63) Azobenzene	10.475	77	1168758	42.113	ng		95
65) 4,6-Dinitro-2-methylph...	10.369	198	143451	36.450	ng	#	65
66) n-Nitrosodiphenylamine	10.433	169	1075911	51.084	ng		97
67) 4-Bromophenyl-phenylether	10.804	248	334048	47.437	ng		97
68) Hexachlorobenzene	10.874	284	353695	49.016	ng		99
69) Atrazine	10.969	200	352188	58.033	ng		98
70) Pentachlorophenol	11.063	266	371385	72.267	ng		97
71) Phenanthrene	11.280	178	1688734	48.391	ng		99
72) Anthracene	11.333	178	1597076	44.718	ng		99
73) Carbazole	11.486	167	1427603	44.892	ng		97
74) Di-n-butylphthalate	11.821	149	1638767	45.537	ng		100
75) Fluoranthene	12.468	202	1239689	35.396	ng		96
77) Benzidine	12.586	184	395511	86.026	ng	#	93
78) Pyrene	12.692	202	1278179	54.843	ng		99
80) Butylbenzylphthalate	13.321	149	480628	58.243	ng		100
81) Benzo(a)anthracene	13.886	228	877220	46.920	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	162299	31.424	ng	#	95
83) Chrysene	13.921	228	842904	45.095	ng		98
84) Bis(2-ethylhexyl)phtha...	13.886	149	570733	55.101	ng		97
85) Di-n-octyl phthalate	14.498	149	1012595	59.955	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.709	276	1140207	56.233	ng		97
88) Benzo(b)fluoranthene	14.915	252	953711	42.054	ng	#	95
89) Benzo(k)fluoranthene	14.945	252	949913	42.255	ng	#	96
90) Benzo(a)pyrene	15.262	252	893362	43.280	ng	#	97
91) Dibenzo(a,h)anthracene	16.727	278	939291	55.541	ng		99
92) Benzo(g,h,i)perylene	17.127	276	917053	54.926	ng		97

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

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