Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
Data File : BF131250.D
Acq On : 16 Nov 2022 00:44
Operator : CG\JU
Sample : PB148855BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB148855BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 07:06:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 06:35:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	93839	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	359880	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	210975	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	382379	20.000	ng	0.00
76) Chrysene-d12	14.186	240	272898	20.000	ng	0.00
86) Perylene-d12	15.727	264	203766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	619595	116.919	ng	0.01
7) Phenol-d6	6.592	99	770618	114.811	ng	0.00
23) Nitrobenzene-d5	7.545	82	493886	77.030	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	224186	111.245	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	937432	65.024	ng	0.00
79) Terphenyl-d14	13.127	244	1141368	71.823	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.846	88	71473	29.438	ng	95
3) Pyridine	3.598	79	192039	27.984	ng	98
4) n-Nitrosodimethylamine	3.563	42	152979	38.246	ng	96
6) Aniline	6.634	93	273524m	32.488	ng	
8) 2-Chlorophenol	6.757	128	232987	39.111	ng	98
9) Benzaldehyde	6.522	77	54662	11.227	ng	96
10) Phenol	6.604	94	282381	37.607	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	221895	37.742	ng	99
12) 1,3-Dichlorobenzene	6.916	146	246219	36.534	ng	100
13) 1,4-Dichlorobenzene	6.992	146	252762	37.085	ng	98
14) 1,2-Dichlorobenzene	7.145	146	241300	38.304	ng	99
15) Benzyl Alcohol	7.116	79	215025m	36.881	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	425114	38.389	ng	99
17) 2-Methylphenol	7.216	107	191878	37.729	ng	99
18) Hexachloroethane	7.492	117	93046	37.552	ng	98
19) n-Nitroso-di-n-propyla...	7.386	70	173320	37.057	ng	95
20) 3+4-Methylphenols	7.375	107	246705	37.503	ng	90
22) Acetophenone	7.386	105	335873	35.804	ng	99
24) Nitrobenzene	7.563	77	263290	38.039	ng	99
25) Isophorone	7.798	82	476485	37.200	ng	98
26) 2-Nitrophenol	7.881	139	105267	38.877	ng	96
27) 2,4-Dimethylphenol	7.910	122	231096	44.078	ng	96
28) bis(2-Chloroethoxy)met...	8.010	93	271769	37.633	ng	99
29) 2,4-Dichlorophenol	8.116	162	202831	35.774	ng	100
30) 1,2,4-Trichlorobenzene	8.204	180	226948	34.140	ng	98
31) Naphthalene	8.286	128	654217	33.554	ng	99
32) Benzoic acid	8.022	122	138462m	38.029	ng	
33) 4-Chloroaniline	8.333	127	208313	27.141	ng	99
34) Hexachlorobutadiene	8.404	225	144276	34.292	ng	97
35) Caprolactam	8.698	113	63010m	37.606	ng	
36) 4-Chloro-3-methylphenol	8.810	107	214686	35.973	ng	96
37) 2-Methylnaphthalene	8.980	142	442851	34.104	ng	99
38) 1-Methylnaphthalene	9.080	142	414931	32.953	ng	100
40) 1,2,4,5-Tetrachloroben...	9.145	216	230337	33.909	ng	99
41) Hexachlorocyclopentadiene	9.133	237	278392	79.961	ng	96
43) 2,4,6-Trichlorophenol	9.257	196	139096	31.320	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	169333	35.531	ng		97
46) 1,1'-Biphenyl	9.451	154	547286	33.745	ng		100
47) 2-Chloronaphthalene	9.475	162	433847	33.021	ng		99
48) 2-Nitroaniline	9.569	65	154170	37.534	ng		98
49) Acenaphthylene	9.898	152	667435	33.267	ng		99
50) Dimethylphthalate	9.751	163	499367	33.055	ng		100
51) 2,6-Dinitrotoluene	9.810	165	109310	37.574	ng	#	84
52) Acenaphthene	10.069	154	451147	36.025	ng		98
53) 3-Nitroaniline	9.980	138	88743	29.179	ng		92
54) 2,4-Dinitrophenol	10.086	184	91069	71.057	ng	#	83
55) Dibenzofuran	10.239	168	597417	33.296	ng		99
56) 4-Nitrophenol	10.133	139	161694	68.024	ng		94
57) 2,4-Dinitrotoluene	10.216	165	135560	37.831	ng		97
58) Fluorene	10.586	166	469114	33.226	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.351	232	138659	34.344	ng		98
60) Diethylphthalate	10.457	149	485872	34.024	ng		98
61) 4-Chlorophenyl-phenyle...	10.574	204	239343	34.283	ng		98
62) 4-Nitroaniline	10.604	138	105113	34.462	ng		99
63) Azobenzene	10.739	77	494806	33.094	ng		99
65) 4,6-Dinitro-2-methylph...	10.627	198	56015	35.142	ng		95
66) n-Nitrosodiphenylamine	10.698	169	409241	33.686	ng		99
67) 4-Bromophenyl-phenylether	11.069	248	154658	34.448	ng		97
68) Hexachlorobenzene	11.133	284	166336	34.186	ng		98
69) Atrazine	11.222	200	114385	28.725	ng		98
70) Pentachlorophenol	11.327	266	202636	71.352	ng		98
71) Phenanthrene	11.557	178	703316	33.328	ng		100
72) Anthracene	11.610	178	709784	34.431	ng		99
73) Carbazole	11.763	167	644217	34.912	ng		99
74) Di-n-butylphthalate	12.092	149	737318	34.333	ng		100
75) Fluoranthene	12.751	202	789811	33.936	ng		99
77) Benzidine	12.868	184	234227	40.052	ng		99
78) Pyrene	12.980	202	809845	34.426	ng		99
80) Butylbenzylphthalate	13.604	149	293720	36.842	ng		99
81) Benzo(a)anthracene	14.174	228	631562	33.300	ng		99
82) 3,3'-Dichlorobenzidine	14.139	252	184341	33.217	ng		98
83) Chrysene	14.215	228	606825	32.843	ng		100
84) Bis(2-ethylhexyl)phtha...	14.162	149	374542	37.355	ng		98
85) Di-n-octyl phthalate	14.792	149	537968	37.968	ng		99
87) Indeno(1,2,3-cd)pyrene	17.315	276	489355	36.352	ng		99
88) Benzo(b)fluoranthene	15.268	252	521668	36.668	ng		98
89) Benzo(k)fluoranthene	15.304	252	479643	34.009	ng		99
90) Benzo(a)pyrene	15.662	252	431490	37.942	ng		99
91) Dibenzo(a,h)anthracene	17.345	278	417707	37.821	ng		97
92) Benzo(g,h,i)perylene	17.798	276	409668	34.237	ng		99

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

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