Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128838.D
Acq On : 16 Jun 2022 14:22
Operator : CG\JU
Sample : PB145561BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB145561BS

Quant Time: Jun 17 02:19:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	103991	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	397956	20.000	ng	#	0.00
39) Acenaphthene-d10	9.828	164	226794	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	410994	20.000	ng	#	0.00
76) Chrysene-d12	13.969	240	300380	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	223557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	735172	112.606	ng		0.02
7) Phenol-d6	6.451	99	904181	113.457	ng		0.01
23) Nitrobenzene-d5	7.357	82	628775	73.563	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	298608	111.434	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1246158	76.969	ng		0.00
79) Terphenyl-d14	12.910	244	1458907	84.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	84435	34.837	ng	#	94
3) Pyridine	3.334	79	228849	35.543	ng		96
4) n-Nitrosodimethylamine	3.299	42	187836	42.069	ng	#	80
6) Aniline	6.451	93	337259	39.239	ng	#	62
8) 2-Chlorophenol	6.581	128	292539	43.790	ng		99
9) Benzaldehyde	6.334	77	122841	25.301	ng		98
10) Phenol	6.463	94	358510	42.557	ng		94
11) bis(2-Chloroethyl)ether	6.528	93	265231	42.967	ng		94
12) 1,3-Dichlorobenzene	6.728	146	324790	42.055	ng		98
13) 1,4-Dichlorobenzene	6.804	146	329714	42.272	ng		99
14) 1,2-Dichlorobenzene	6.951	146	309233	42.382	ng		97
15) Benzyl Alcohol	6.940	79	254353	38.146	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	383527	37.709	ng	#	1
17) 2-Methylphenol	7.063	107	234418	44.399	ng	#	84
18) Hexachloroethane	7.293	117	123334	42.502	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	212280	42.841	ng		99
20) 3+4-Methylphenols	7.216	107	301020	42.705	ng	#	81
22) Acetophenone	7.198	105	426787	41.004	ng		98
24) Nitrobenzene	7.375	77	323522	41.228	ng		98
25) Isophorone	7.616	82	554703	42.730	ng		98
26) 2-Nitrophenol	7.692	139	154392	44.655	ng		95
27) 2,4-Dimethylphenol	7.740	122	257700	48.930	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	326196	39.749	ng		97
29) 2,4-Dichlorophenol	7.945	162	249606	40.949	ng		96
30) 1,2,4-Trichlorobenzene	8.010	180	276738	40.320	ng		97
31) Naphthalene	8.092	128	857000	41.962	ng		99
32) Benzoic acid	7.898	122	88659	23.727	ng		94
33) 4-Chloroaniline	8.145	127	253415	32.910	ng		99
34) Hexachlorobutadiene	8.204	225	194707	40.001	ng		99
35) Caprolactam	8.528	113	69573m	41.275	ng		
36) 4-Chloro-3-methylphenol	8.651	107	270940	40.728	ng		99
37) 2-Methylnaphthalene	8.787	142	552602	42.539	ng		99
38) 1-Methylnaphthalene	8.886	142	525799	41.894	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	301424	42.794	ng		98
41) Hexachlorocyclopentadiene	8.934	237	245121	57.895	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	173396	36.404	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	184600	37.502	ng		98
46) 1,1'-Biphenyl	9.251	154	705641	41.467	ng		96
47) 2-Chloronaphthalene	9.275	162	532752	41.029	ng		99
48) 2-Nitroaniline	9.381	65	177552	39.987	ng		94
49) Acenaphthylene	9.692	152	862594	43.393	ng		100
50) Dimethylphthalate	9.557	163	647960	41.740	ng		99
51) 2,6-Dinitrotoluene	9.622	165	139990	45.690	ng	#	84
52) Acenaphthene	9.863	154	491196	37.944	ng		98
53) 3-Nitroaniline	9.792	138	112142	33.724	ng		99
54) 2,4-Dinitrophenol	9.910	184	124944	73.214	ng	#	89
55) Dibenzofuran	10.039	168	745051	40.047	ng		96
56) 4-Nitrophenol	9.992	139	140704	58.373	ng	#	79
57) 2,4-Dinitrotoluene	10.033	165	184186	45.045	ng	#	87
58) Fluorene	10.381	166	605553	41.970	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	145766	35.852	ng		97
60) Diethylphthalate	10.257	149	627828	40.240	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	309042	41.297	ng		94
62) 4-Nitroaniline	10.416	138	141628	42.065	ng		89
63) Azobenzene	10.533	77	592573	38.580	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	97328	40.128	ng		99
66) n-Nitrosodiphenylamine	10.492	169	549596	43.507	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	200204	43.681	ng		95
68) Hexachlorobenzene	10.928	284	227564	44.707	ng		96
69) Atrazine	11.028	200	187282	46.102	ng		98
70) Pentachlorophenol	11.133	266	134265	52.842	ng		99
71) Phenanthrene	11.345	178	882928	42.830	ng		100
72) Anthracene	11.398	178	899388	44.079	ng		99
73) Carbazole	11.557	167	802117	42.325	ng		98
74) Di-n-butylphthalate	11.880	149	994960	43.120	ng		99
75) Fluoranthene	12.533	202	973853	45.194	ng		98
77) Benzidine	12.657	184	411908	68.790	ng		98
78) Pyrene	12.769	202	965565	43.206	ng		97
80) Butylbenzylphthalate	13.380	149	392566	41.829	ng		96
81) Benzo(a)anthracene	13.957	228	812716	43.406	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	229485	57.289	ng		99
83) Chrysene	13.998	228	743988	41.678	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	511618	41.932	ng		99
85) Di-n-octyl phthalate	14.551	149	780724	42.485	ng		98
87) Indeno(1,2,3-cd)pyrene	16.886	276	586984	43.563	ng	#	92
88) Benzo(b)fluoranthene	15.004	252	637735	44.644	ng	#	97
89) Benzo(k)fluoranthene	15.033	252	610963	45.466	ng	#	97
90) Benzo(a)pyrene	15.368	252	576984	51.390	ng	#	97
91) Dibenzo(a,h)anthracene	16.898	278	520015	46.527	ng	#	95
92) Benzo(g,h,i)perylene	17.327	276	510177	46.057	ng	#	91

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

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