Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128837.D
Acq On : 16 Jun 2022 13:53
Operator : CG\JU
Sample : PB145586BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB145586BS

Quant Time: Jun 17 02:18:15 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	119527	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	388880	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	220969	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	411555	20.000	ng	#	0.00
76) Chrysene-d12	13.969	240	286769	20.000	ng	#	0.00
86) Perylene-d12	15.428	264	212878	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	840915	112.061	ng		0.02
7) Phenol-d6	6.452	99	1037491	113.263	ng		0.01
23) Nitrobenzene-d5	7.357	82	736878	88.223	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	294547	112.816	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1230427	78.001	ng		0.00
79) Terphenyl-d14	12.910	244	1442120	87.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	85078	30.540	ng		96
3) Pyridine	3.334	79	224550	30.342	ng		90
4) n-Nitrosodimethylamine	3.299	42	185733	36.191	ng	#	83
6) Aniline	6.452	93	394751	39.959	ng	#	60
8) 2-Chlorophenol	6.581	128	335263	43.663	ng		97
9) Benzaldehyde	6.334	77	150548	26.978	ng		89
10) Phenol	6.463	94	412708	42.623	ng		91
11) bis(2-Chloroethyl)ether	6.522	93	308935	43.541	ng		98
12) 1,3-Dichlorobenzene	6.728	146	375319	42.281	ng		98
13) 1,4-Dichlorobenzene	6.805	146	380057	42.393	ng		100
14) 1,2-Dichlorobenzene	6.957	146	360673	43.007	ng		100
15) Benzyl Alcohol	6.940	79	301217	39.302	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	464659	39.748	ng	#	1
17) 2-Methylphenol	7.063	107	273145	45.009	ng	#	86
18) Hexachloroethane	7.293	117	143482	43.018	ng		95
19) n-Nitroso-di-n-propyla...	7.205	70	248269	43.592	ng		99
20) 3+4-Methylphenols	7.216	107	345872	42.690	ng	#	81
22) Acetophenone	7.199	105	495274	48.695	ng		97
24) Nitrobenzene	7.375	77	377493	49.229	ng		98
25) Isophorone	7.616	82	662220	52.203	ng		98
26) 2-Nitrophenol	7.693	139	171607	50.793	ng	#	94
27) 2,4-Dimethylphenol	7.740	122	266150	51.714	ng		95
28) bis(2-Chloroethoxy)met...	7.822	93	343809	42.873	ng		99
29) 2,4-Dichlorophenol	7.946	162	245778	41.262	ng		96
30) 1,2,4-Trichlorobenzene	8.016	180	274897	40.987	ng		98
31) Naphthalene	8.093	128	841142	42.146	ng		99
32) Benzoic acid	7.893	122	80853	22.143	ng		95
33) 4-Chloroaniline	8.146	127	249231	33.122	ng		98
34) Hexachlorobutadiene	8.204	225	193590	40.700	ng		99
35) Caprolactam	8.534	113	71057m	43.140	ng		
36) 4-Chloro-3-methylphenol	8.651	107	269562	41.467	ng		97
37) 2-Methylnaphthalene	8.787	142	546079	43.018	ng		99
38) 1-Methylnaphthalene	8.887	142	516199	42.089	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	292387	42.606	ng		99
41) Hexachlorocyclopentadiene	8.934	237	240148	58.216	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	173372	37.358	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	182762	38.107	ng		96
46) 1,1'-Biphenyl	9.251	154	686428	41.402	ng		98
47) 2-Chloronaphthalene	9.275	162	526111	41.586	ng		98
48) 2-Nitroaniline	9.381	65	178309	41.216	ng		97
49) Acenaphthylene	9.693	152	849469	43.859	ng		99
50) Dimethylphthalate	9.557	163	629410	41.614	ng		99
51) 2,6-Dinitrotoluene	9.622	165	138541	46.409	ng	#	84
52) Acenaphthene	9.863	154	482786	38.278	ng		99
53) 3-Nitroaniline	9.793	138	111107	34.293	ng		97
54) 2,4-Dinitrophenol	9.916	184	117295	70.544	ng		86
55) Dibenzofuran	10.040	168	736034	40.605	ng		96
56) 4-Nitrophenol	9.993	139	135962	57.893	ng	#	74
57) 2,4-Dinitrotoluene	10.034	165	183582	46.081	ng	#	84
58) Fluorene	10.381	166	608136	43.261	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	139735	35.275	ng		97
60) Diethylphthalate	10.257	149	626987	41.245	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	310835	42.631	ng		94
62) 4-Nitroaniline	10.416	138	141260	43.062	ng		87
63) Azobenzene	10.534	77	584921	39.086	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	98147	40.410	ng	#	78
66) n-Nitrosodiphenylamine	10.493	169	547870	43.311	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	199906	43.556	ng		96
68) Hexachlorobenzene	10.934	284	224233	43.993	ng	#	91
69) Atrazine	11.028	200	187521	46.098	ng		97
70) Pentachlorophenol	11.134	266	128313	50.431	ng		98
71) Phenanthrene	11.345	178	883988	42.823	ng		99
72) Anthracene	11.398	178	896935	43.899	ng		98
73) Carbazole	11.557	167	800308	42.172	ng		100
74) Di-n-butylphthalate	11.881	149	978416	42.346	ng		99
75) Fluoranthene	12.539	202	949708	44.013	ng		94
77) Benzidine	12.657	184	408281	71.420	ng		98
78) Pyrene	12.769	202	937819	43.956	ng		97
80) Butylbenzylphthalate	13.381	149	377778	42.164	ng		97
81) Benzo(a)anthracene	13.957	228	801793	44.855	ng		98
82) 3,3'-Dichlorobenzidine	13.916	252	224647	58.743	ng		100
83) Chrysene	13.998	228	723763	42.470	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	495436	42.533	ng	#	98
85) Di-n-octyl phthalate	14.551	149	726674	41.421	ng		98
87) Indeno(1,2,3-cd)pyrene	16.886	276	553255	43.119	ng	#	91
88) Benzo(b)fluoranthene	15.004	252	615007	45.212	ng	#	97
89) Benzo(k)fluoranthene	15.033	252	587886	45.943	ng	#	97
90) Benzo(a)pyrene	15.369	252	553942	51.813	ng	#	96
91) Dibenzo(a,h)anthracene	16.898	278	489020	45.949	ng	#	95
92) Benzo(g,h,i)perylene	17.327	276	474911	45.024	ng	#	92

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

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