Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128835.D
Acq On : 16 Jun 2022 12:54
Operator : CG\JU
Sample : PB145561BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB145561BS

Quant Time: Jun 17 02:17:00 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	6.786	152	99004	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	390537	20.000	ng	#	0.00
39) Acenaphthene-d10	9.833	164	214620	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	395870	20.000	ng		0.00
76) Chrysene-d12	13.974	240	302057	20.000	ng	#	0.01
86) Perylene-d12	15.433	264	236002	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	784920	126.282	ng		0.02
7) Phenol-d6	6.451	99	983132	129.578	ng		0.01
23) Nitrobenzene-d5	7.357	82	698650	83.291	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	311816	122.963	ng		0.01
45) 2-Fluorobiphenyl	9.151	172	1309386	85.462	ng		0.00
79) Terphenyl-d14	12.910	244	1568369	90.223	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	95987	41.598	ng	#	95
3) Pyridine	3.363	79	267780	43.685	ng		95
4) n-Nitrosodimethylamine	3.334	42	197684	46.505	ng	#	81
6) Aniline	6.451	93	308362	37.684	ng	#	60
8) 2-Chlorophenol	6.586	128	317098	49.858	ng		97
9) Benzaldehyde	6.339	77	180697	39.092	ng		96
10) Phenol	6.463	94	383652	47.836	ng		84
11) bis(2-Chloroethyl)ether	6.528	93	289799	49.311	ng		96
12) 1,3-Dichlorobenzene	6.728	146	354944	48.275	ng		97
13) 1,4-Dichlorobenzene	6.804	146	358317	48.253	ng		99
14) 1,2-Dichlorobenzene	6.957	146	337883	48.642	ng		98
15) Benzyl Alcohol	6.939	79	292094	46.012	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.063	45	429141	44.320	ng	#	1
17) 2-Methylphenol	7.063	107	255303	50.790	ng	#	84
18) Hexachloroethane	7.292	117	137124	49.634	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	236077	50.044	ng		98
20) 3+4-Methylphenols	7.216	107	330627	49.268	ng	#	81
22) Acetophenone	7.204	105	469340	45.949	ng		96
24) Nitrobenzene	7.375	77	358877	46.602	ng		96
25) Isophorone	7.616	82	622695	48.879	ng	#	97
26) 2-Nitrophenol	7.692	139	167523	49.374	ng	#	92
27) 2,4-Dimethylphenol	7.739	122	284286	55.004	ng		96
28) bis(2-Chloroethoxy)met...	7.822	93	362967	45.070	ng		98
29) 2,4-Dichlorophenol	7.945	162	270634	45.242	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	304828	45.257	ng		97
31) Naphthalene	8.098	128	930232	46.413	ng		99
32) Benzoic acid	7.898	122	89640	24.446	ng		91
33) 4-Chloroaniline	8.145	127	170494m	22.562	ng		
34) Hexachlorobutadiene	8.204	225	211547	44.286	ng		98
35) Caprolactam	8.539	113	76135m	46.026	ng		
36) 4-Chloro-3-methylphenol	8.657	107	293543	44.964	ng		98
37) 2-Methylnaphthalene	8.786	142	586037	45.970	ng		99
38) 1-Methylnaphthalene	8.886	142	561238	45.567	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	310864	46.638	ng		98
41) Hexachlorocyclopentadiene	8.933	237	268184	66.935	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	183073	40.615	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	186617	40.062	ng	#	92
46) 1,1'-Biphenyl	9.251	154	741733	46.061	ng		98
47) 2-Chloronaphthalene	9.280	162	567935	46.219	ng		99
48) 2-Nitroaniline	9.380	65	190569	45.353	ng		96
49) Acenaphthylene	9.698	152	903115	48.009	ng		100
50) Dimethylphthalate	9.557	163	679637	46.264	ng		100
51) 2,6-Dinitrotoluene	9.627	165	146592	50.559	ng		94
52) Acenaphthene	9.869	154	518550	42.329	ng		99
53) 3-Nitroaniline	9.792	138	94321	29.974	ng		94
54) 2,4-Dinitrophenol	9.916	184	116578	72.187	ng	#	91
55) Dibenzofuran	10.039	168	788181	44.768	ng		94
56) 4-Nitrophenol	9.998	139	150841	66.128	ng	#	80
57) 2,4-Dinitrotoluene	10.039	165	197429	51.023	ng	#	83
58) Fluorene	10.386	166	641084	46.953	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	148274	38.538	ng		98
60) Diethylphthalate	10.263	149	672934	45.577	ng		98
61) 4-Chlorophenyl-phenyle...	10.374	204	330890	46.724	ng		99
62) 4-Nitroaniline	10.416	138	153334	48.125	ng		87
63) Azobenzene	10.533	77	627833	43.194	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	100201	42.890	ng		97
66) n-Nitrosodiphenylamine	10.498	169	592086	48.661	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	213775	48.424	ng		96
68) Hexachlorobenzene	10.933	284	244985	49.968	ng		97
69) Atrazine	11.027	200	205693	52.568	ng		97
70) Pentachlorophenol	11.139	266	137132	56.033	ng		96
71) Phenanthrene	11.351	178	942170	47.450	ng		98
72) Anthracene	11.404	178	981163	49.924	ng		98
73) Carbazole	11.563	167	861086	47.173	ng		99
74) Di-n-butylphthalate	11.880	149	1053713	47.411	ng		100
75) Fluoranthene	12.539	202	1025023	49.386	ng		98
77) Benzidine	12.663	184	446292	74.118	ng		98
78) Pyrene	12.768	202	1037949	46.187	ng		97
80) Butylbenzylphthalate	13.386	149	433030	45.884	ng		94
81) Benzo(a)anthracene	13.962	228	913788	48.533	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	149587	37.136	ng		98
83) Chrysene	14.004	228	837236	46.642	ng		100
84) Bis(2-ethylhexyl)phtha...	13.939	149	592450	48.288	ng		99
85) Di-n-octyl phthalate	14.557	149	919951	49.784	ng		98
87) Indeno(1,2,3-cd)pyrene	16.898	276	645133	45.354	ng	#	91
88) Benzo(b)fluoranthene	15.009	252	804720	53.363	ng	#	98
89) Benzo(k)fluoranthene	15.039	252	653911	46.096	ng	#	97
90) Benzo(a)pyrene	15.374	252	655735	55.325	ng	#	96
91) Dibenzo(a,h)anthracene	16.909	278	564318	47.828	ng	#	95
92) Benzo(g,h,i)perylene	17.339	276	542491	46.392	ng	#	91

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

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