Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130297.D
Acq On : 16 Sep 2022 18:52
Operator : CG\JU
Sample : N4663-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-43MSD

Quant Time: Sep 17 03:27:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 03:22:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.669	152	95632	20.000	ng		0.00
21) Naphthalene-d8	7.951	136	373523	20.000	ng		0.00
39) Acenaphthene-d10	9.704	164	183382	20.000	ng		0.00
64) Phenanthrene-d10	11.180	188	274752	20.000	ng		0.00
76) Chrysene-d12	13.810	240	163617	20.000	ng		0.00
86) Perylene-d12	15.198	264	190904	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	255911	46.414	ng		0.00
7) Phenol-d6	6.298	99	209618	30.385	ng		0.00
23) Nitrobenzene-d5	7.240	82	591821	80.946	ng		0.00
42) 2,4,6-Tribromophenol	10.486	330	155990	88.774	ng		0.00
45) 2-Fluorobiphenyl	9.028	172	1044496	82.941	ng		0.00
79) Terphenyl-d14	12.763	244	724993	73.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.340	88	41562	16.413	ng		96
3) Pyridine	3.022	79	154754	23.428	ng		98
4) n-Nitrosodimethylamine	2.969	42	58872	16.387	ng		99
6) Aniline	6.334	93	331694	39.022	ng		96
8) 2-Chlorophenol	6.451	128	183635	29.238	ng		92
9) Benzaldehyde	6.216	77	185184	40.073	ng		97
10) Phenol	6.310	94	103918	12.854	ng		92
11) bis(2-Chloroethyl)ether	6.410	93	257885	44.223	ng		94
12) 1,3-Dichlorobenzene	6.610	146	278441	40.290	ng		96
13) 1,4-Dichlorobenzene	6.687	146	284342	40.347	ng		99
14) 1,2-Dichlorobenzene	6.840	146	269608	40.952	ng		98
15) Benzyl Alcohol	6.816	79	114217	20.881	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.951	45	347588	40.868	ng		95
17) 2-Methylphenol	6.928	107	126542	24.785	ng		97
18) Hexachloroethane	7.181	117	111285	40.060	ng		96
19) n-Nitroso-di-n-propyla...	7.087	70	203529	43.721	ng		98
20) 3+4-Methylphenols	7.081	107	145157	21.886	ng	#	54
22) Acetophenone	7.081	105	415970	45.550	ng		93
24) Nitrobenzene	7.257	77	310235	41.789	ng		94
25) Isophorone	7.492	82	545425	46.285	ng		100
26) 2-Nitrophenol	7.569	139	109012	35.821	ng		93
27) 2,4-Dimethylphenol	7.610	122	194377	41.482	ng		97
28) bis(2-Chloroethoxy)met...	7.710	93	324995	48.979	ng		99
29) 2,4-Dichlorophenol	7.810	162	169455	33.000	ng		96
30) 1,2,4-Trichlorobenzene	7.892	180	228284	41.120	ng		97
31) Naphthalene	7.975	128	810599	42.123	ng		99
33) 4-Chloroaniline	8.028	127	303184	41.425	ng		97
34) Hexachlorobutadiene	8.092	225	140679	39.650	ng		99
35) Caprolactam	8.375	113	9763	6.632	ng		93
36) 4-Chloro-3-methylphenol	8.504	107	187674	32.974	ng		98
37) 2-Methylnaphthalene	8.663	142	527948	43.030	ng		99
38) 1-Methylnaphthalene	8.763	142	503093	42.684	ng		98
40) 1,2,4,5-Tetrachloroben...	8.828	216	228192	45.596	ng		98
41) Hexachlorocyclopentadiene	8.816	237	244328	91.187	ng		100
43) 2,4,6-Trichlorophenol	8.939	196	84740	24.262	ng		96
44) 2,4,5-Trichlorophenol	8.975	196	116008	30.779	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.128	154	642525	46.914	ng		99
47) 2-Chloronaphthalene	9.151	162	493655	44.558	ng		98
48) 2-Nitroaniline	9.251	65	155198	42.000	ng		90
49) Acenaphthylene	9.563	152	749610	45.126	ng		100
50) Dimethylphthalate	9.434	163	573878	45.304	ng		100
51) 2,6-Dinitrotoluene	9.492	165	123876	46.760	ng		98
52) Acenaphthene	9.739	154	578941	53.045	ng		98
53) 3-Nitroaniline	9.663	138	116475	39.457	ng		91
55) Dibenzofuran	9.904	168	664795	43.792	ng		100
56) 4-Nitrophenol	9.822	139	11524	5.360	ng		87
57) 2,4-Dinitrotoluene	9.892	165	156357	46.181	ng	#	88
58) Fluorene	10.245	166	573674	46.207	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.022	232	41431	14.044	ng	#	75
60) Diethylphthalate	10.128	149	545214	42.921	ng		100
61) 4-Chlorophenyl-phenyle...	10.245	204	241498	44.342	ng		97
62) 4-Nitroaniline	10.269	138	112231	37.846	ng		95
63) Azobenzene	10.404	77	526478	40.250	ng		96
66) n-Nitrosodiphenylamine	10.363	169	446016	48.578	ng		99
67) 4-Bromophenyl-phenylether	10.733	248	151807	50.086	ng		92
68) Hexachlorobenzene	10.792	284	170944	49.754	ng		95
69) Atrazine	10.892	200	133630	49.804	ng		97
70) Pentachlorophenol	10.986	266	36744	19.927	ng		97
71) Phenanthrene	11.204	178	678735	44.000	ng		99
72) Anthracene	11.257	178	682314	45.835	ng		99
73) Carbazole	11.416	167	587522	43.732	ng		99
74) Di-n-butylphthalate	11.751	149	714056	44.076	ng		100
75) Fluoranthene	12.386	202	591281	39.668	ng		98
77) Benzidine	12.522	184	425847	89.659	ng		99
78) Pyrene	12.616	202	579294	40.472	ng		99
80) Butylbenzylphthalate	13.245	149	232585	43.863	ng		95
81) Benzo(a)anthracene	13.798	228	493728	45.360	ng		99
82) 3,3'-Dichlorobenzidine	13.769	252	151984	51.296	ng		98
83) Chrysene	13.833	228	464355	44.931	ng		99
84) Bis(2-ethylhexyl)phtha...	13.804	149	299301	49.278	ng	#	97
85) Di-n-octyl phthalate	14.410	149	529754	57.026	ng		97
87) Indeno(1,2,3-cd)pyrene	16.521	276	658541	48.645	ng		98
88) Benzo(b)fluoranthene	14.810	252	569682	45.720	ng		99
89) Benzo(k)fluoranthene	14.839	252	542630	44.271	ng		98
90) Benzo(a)pyrene	15.145	252	496428	50.289	ng	#	97
91) Dibenzo(a,h)anthracene	16.545	278	572103	51.514	ng		98
92) Benzo(g,h,i)perylene	16.927	276	559460	50.008	ng		99

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

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