Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
Data File : BP013835.D
Acq On : 16 Feb 2023 19:17
Operator : CG/JU
Sample : PB150875BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150875BS

Quant Time: Feb 17 05:11:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 01:08:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	152861	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	554111	20.000	ng		0.00
39) Acenaphthene-d10	14.746	164	334685	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	671784	20.000	ng		0.00
76) Chrysene-d12	21.575	240	619396	20.000	ng		0.00
86) Perylene-d12	24.122	264	685115	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.646	112	1293829	139.497	ng		0.00
7) Phenol-d6	7.264	99	1625001	136.800	ng		0.00
23) Nitrobenzene-d5	9.287	82	936737	91.288	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	667943	137.101	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	2378622	93.349	ng		0.00
79) Terphenyl-d14	20.028	244	3421522	106.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	157457	39.058	ng		99
3) Pyridine	3.911	79	407786	37.523	ng		99
4) n-Nitrosodimethylamine	3.817	42	192915	47.368	ng		95
6) Aniline	7.428	93	592188	38.368	ng		99
8) 2-Chlorophenol	7.669	128	475978	48.653	ng		100
9) Benzaldehyde	7.240	77	262330	46.419	ng		96
10) Phenol	7.287	94	586762	47.456	ng		96
11) bis(2-Chloroethyl)ether	7.522	93	455668	46.050	ng		97
12) 1,3-Dichlorobenzene	7.999	146	552819	50.254	ng		98
13) 1,4-Dichlorobenzene	8.146	146	556852	50.113	ng		98
14) 1,2-Dichlorobenzene	8.469	146	521362	50.263	ng		100
15) Benzyl Alcohol	8.352	79	398877m	47.861	ng		
16) 2,2'-oxybis(1-Chloropr...	8.646	45	546576m	51.711	ng		
17) 2-Methylphenol	8.552	107	394190	46.850	ng		99
18) Hexachloroethane	9.205	117	185504	47.659	ng		98
19) n-Nitroso-di-n-propyla...	8.922	70	331488	47.680	ng		98
20) 3+4-Methylphenols	8.881	107	498856	44.051	ng		99
22) Acetophenone	8.940	105	692853	49.574	ng	#	99
24) Nitrobenzene	9.328	77	519603	48.524	ng		100
25) Isophorone	9.858	82	914006	46.222	ng		100
26) 2-Nitrophenol	10.040	139	241997	47.961	ng		96
27) 2,4-Dimethylphenol	10.093	122	421384	50.955	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	607461	48.123	ng		99
29) 2,4-Dichlorophenol	10.575	162	441145	49.720	ng		98
30) 1,2,4-Trichlorobenzene	10.799	180	501071	48.126	ng		99
31) Naphthalene	10.987	128	1380954	45.456	ng		99
32) Benzoic acid	10.222	122	257406	40.376	ng		96
33) 4-Chloroaniline	11.093	127	188031	14.740	ng		98
34) Hexachlorobutadiene	11.269	225	338108	48.867	ng		99
35) Caprolactam	11.881	113	104099	36.748	ng		98
36) 4-Chloro-3-methylphenol	12.204	107	435286	44.027	ng		99
37) 2-Methylnaphthalene	12.581	142	954618	43.409	ng		99
38) 1-Methylnaphthalene	12.799	142	899493	43.704	ng		99
40) 1,2,4,5-Tetrachloroben...	12.946	216	583462	48.339	ng		99
41) Hexachlorocyclopentadiene	12.928	237	828948	129.294	ng		96
43) 2,4,6-Trichlorophenol	13.181	196	361420	47.866	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	386811	43.103	ng	98
46) 1,1'-Biphenyl	13.581	154	1250794	46.238	ng	98
47) 2-Chloronaphthalene	13.628	162	972593	47.192	ng	99
48) 2-Nitroaniline	13.828	65	238937	41.303	ng	99
49) Acenaphthylene	14.469	152	1487224	45.779	ng	99
50) Dimethylphthalate	14.199	163	1200051	44.064	ng	100
51) 2,6-Dinitrotoluene	14.316	165	254993	43.041	ng	97
52) Acenaphthene	14.810	154	903269	45.692	ng	99
53) 3-Nitroaniline	14.646	138	157282	26.331	ng	96
54) 2,4-Dinitrophenol	14.851	184	304048	77.822	ng	99
55) Dibenzofuran	15.140	168	1468786	44.653	ng	100
56) 4-Nitrophenol	14.946	139	415769	85.406	ng	95
57) 2,4-Dinitrotoluene	15.104	165	342595	43.005	ng	97
58) Fluorene	15.793	166	1131715	43.880	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.363	232	353359	45.738	ng	99
60) Diethylphthalate	15.551	149	1165244	43.877	ng	99
61) 4-Chlorophenyl-phenyle...	15.781	204	615292	44.030	ng	99
62) 4-Nitroaniline	15.810	138	231800	36.985	ng	95
63) Azobenzene	16.075	77	1086238	45.209	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	192166	41.277	ng	98
66) n-Nitrosodiphenylamine	15.998	169	996184	48.957	ng	100
67) 4-Bromophenyl-phenylether	16.681	248	386729	48.773	ng	99
68) Hexachlorobenzene	16.798	284	449032	51.879	ng	97
69) Atrazine	16.945	200	358383	51.658	ng	99
70) Pentachlorophenol	17.140	266	545780	85.527	ng	99
71) Phenanthrene	17.540	178	1763256	46.852	ng	100
72) Anthracene	17.628	178	1757319	46.699	ng	99
73) Carbazole	17.892	167	1577695	46.570	ng	99
74) Di-n-butylphthalate	18.428	149	1859066	46.837	ng	100
75) Fluoranthene	19.486	202	2040320	43.489	ng	99
77) Benzidine	19.663	184	1000420	77.558	ng	99
78) Pyrene	19.839	202	2142069	50.607	ng	100
80) Butylbenzylphthalate	20.698	149	733233	48.739	ng	98
81) Benzo(a)anthracene	21.557	228	2088093	47.078	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	502161	35.986	ng	100
83) Chrysene	21.610	228	2014382	46.881	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1115645	47.565	ng	99
85) Di-n-octyl phthalate	22.427	149	1880043	44.983	ng	100
87) Indeno(1,2,3-cd)pyrene	26.821	276	2790846	52.365	ng	100
88) Benzo(b)fluoranthene	23.339	252	2139771	49.383	ng	100
89) Benzo(k)fluoranthene	23.392	252	2166363	49.254	ng	100
90) Benzo(a)pyrene	24.010	252	1925084	45.955	ng	99
91) Dibenzo(a,h)anthracene	26.833	278	2320988	51.978	ng	99
92) Benzo(g,h,i)perylene	27.645	276	2317581	52.488	ng	100

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

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