Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008836.D
Acq On : 18 Jan 2022 12:30
Operator : CG/JU
Sample : PB142032BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB142032BS

Quant Time: Jan 19 03:35:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	350690	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1334936	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	833862	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1640031	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1303128	20.000	ng		0.00
86) Perylene-d12	23.756	264	1096123	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2757793	121.609	ng		0.00
7) Phenol-d6	7.034	99	3338623	121.576	ng		0.00
23) Nitrobenzene-d5	9.016	82	2010124	85.489	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	1459281	120.227	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	5066917	80.132	ng		0.00
79) Terphenyl-d14	19.810	244	6825563	88.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	305871	33.323	ng		96
3) Pyridine	3.746	79	713774	37.128	ng		97
4) n-Nitrosodimethylamine	3.652	42	398615	44.195	ng		84
6) Aniline	7.181	93	969470	28.285	ng		99
8) 2-Chlorophenol	7.422	128	1068305	44.232	ng		99
9) Benzaldehyde	6.993	77	568828	30.992	ng		100
10) Phenol	7.063	94	1271110	45.403	ng		96
11) bis(2-Chloroethyl)ether	7.275	93	946017	42.470	ng		97
12) 1,3-Dichlorobenzene	7.740	146	1167432	40.589	ng		98
13) 1,4-Dichlorobenzene	7.887	146	1197184	41.069	ng		99
14) 1,2-Dichlorobenzene	8.204	146	1138597	40.964	ng		99
15) Benzyl Alcohol	8.098	79	861550	44.720	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1043364	41.885	ng		99
17) 2-Methylphenol	8.304	107	833642	44.447	ng		96
18) Hexachloroethane	8.934	117	406431	41.079	ng		98
19) n-Nitroso-di-n-propyla...	8.669	70	690524	43.016	ng		96
20) 3+4-Methylphenols	8.634	107	1117697	44.889	ng		99
22) Acetophenone	8.681	105	1475497	43.389	ng	#	96
24) Nitrobenzene	9.057	77	1043118	43.919	ng		96
25) Isophorone	9.587	82	1826521	42.984	ng		98
26) 2-Nitrophenol	9.769	139	555972	44.526	ng		94
27) 2,4-Dimethylphenol	9.840	122	935861	43.959	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1175823	42.404	ng		100
29) 2,4-Dichlorophenol	10.310	162	1030792	44.369	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	1126714	41.403	ng		99
31) Naphthalene	10.704	128	3044821	41.994	ng		99
32) Benzoic acid	10.028	122	631622	51.696	ng		97
33) 4-Chloroaniline	10.816	127	475672	16.099	ng		99
34) Hexachlorobutadiene	10.992	225	692338	40.719	ng		99
35) Caprolactam	11.622	113	292685	45.701	ng		92
36) 4-Chloro-3-methylphenol	11.957	107	950296	45.340	ng		100
37) 2-Methylnaphthalene	12.316	142	2239438	42.250	ng		98
38) 1-Methylnaphthalene	12.534	142	2053222	42.203	ng		100
40) 1,2,4,5-Tetrachloroben...	12.687	216	1289122	42.401	ng		99
41) Hexachlorocyclopentadiene	12.669	237	1445819	92.936	ng		99
43) 2,4,6-Trichlorophenol	12.934	196	824726	43.873	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	889841	43.981	ng		96
46) 1,1'-Biphenyl	13.328	154	2882436	42.487	ng		100
47) 2-Chloronaphthalene	13.369	162	2205805	42.167	ng		100
48) 2-Nitroaniline	13.575	65	546530	47.053	ng		96
49) Acenaphthylene	14.216	152	3411620	43.167	ng		100
50) Dimethylphthalate	13.957	163	2672362	43.151	ng		100
51) 2,6-Dinitrotoluene	14.069	165	597033	45.455	ng		92
52) Acenaphthene	14.557	154	2027954	43.263	ng		99
53) 3-Nitroaniline	14.398	138	313020	24.233	ng		95
54) 2,4-Dinitrophenol	14.616	184	574326	108.120	ng		94
55) Dibenzofuran	14.892	168	3280088	42.943	ng		98
56) 4-Nitrophenol	14.728	139	929392	99.916	ng		92
57) 2,4-Dinitrotoluene	14.863	165	812207	48.076	ng	#	89
58) Fluorene	15.545	166	2637616	43.719	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	751476	45.090	ng	#	87
60) Diethylphthalate	15.322	149	2576033	43.839	ng		99
61) 4-Chlorophenyl-phenyle...	15.539	204	1413727	43.016	ng		100
62) 4-Nitroaniline	15.569	138	570249	45.582	ng		90
63) Azobenzene	15.833	77	2216297	45.429	ng		95
65) 4,6-Dinitro-2-methylph...	15.633	198	391696	47.804	ng		93
66) n-Nitrosodiphenylamine	15.751	169	2305317	43.675	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	872201	42.590	ng		96
68) Hexachlorobenzene	16.557	284	987919	42.098	ng		97
69) Atrazine	16.716	200	837332	42.688	ng		98
70) Pentachlorophenol	16.904	266	1142371	91.389	ng		100
71) Phenanthrene	17.292	178	4024000	43.579	ng		99
72) Anthracene	17.380	178	4141819	44.713	ng		100
73) Carbazole	17.651	167	3614319	45.378	ng		99
74) Di-n-butylphthalate	18.204	149	4184592	43.657	ng		99
75) Fluoranthene	19.257	202	4498169	43.805	ng		98
77) Benzidine	19.433	184	1163558	25.275	ng		99
78) Pyrene	19.610	202	4566679	50.224	ng		99
80) Butylbenzylphthalate	20.486	149	1703949	46.595	ng		100
81) Benzo(a)anthracene	21.321	228	3890783	44.380	ng		98
82) 3,3'-Dichlorobenzidine	21.257	252	893639	23.595	ng		99
83) Chrysene	21.374	228	3723993	43.819	ng		98
84) Bis(2-ethylhexyl)phtha...	21.251	149	2385386	42.121	ng		98
85) Di-n-octyl phthalate	22.180	149	3641031	38.006	ng		99
87) Indeno(1,2,3-cd)pyrene	26.286	276	3813074	42.216	ng		98
88) Benzo(b)fluoranthene	23.021	252	3405783	46.526	ng		99
89) Benzo(k)fluoranthene	23.068	252	3268887	46.133	ng		98
90) Benzo(a)pyrene	23.651	252	3169830	44.863	ng		99
91) Dibenzo(a,h)anthracene	26.303	278	3234889	42.119	ng		100
92) Benzo(g,h,i)perylene	27.062	276	3196050	42.621	ng		98

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

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