Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004572.D
Acq On : 15 Jan 2021 11:54
Operator : CG/JU
Sample : PB134146BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB134146BS

Quant Time: Jan 15 12:19:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	190511	20.00	ng		-0.01
21) Naphthalene-d8	10.599	136	743287	20.00	ng		#-0.01
39) Acenaphthene-d10	14.457	164	471041	20.00	ng		-0.01
64) Phenanthrene-d10	17.216	188	1037327	20.00	ng		-0.01
76) Chrysene-d12	21.310	240	1092643	20.00	ng		-0.01
86) Perylene-d12	23.657	264	1159440	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1315522	120.35	ng		0.00
7) Phenol-d6	6.981	99	1642705	109.73	ng		0.00
23) Nitrobenzene-d5	8.963	82	924133	70.29	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	863157	105.40	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	2576424	71.10	ng		0.00
79) Terphenyl-d14	19.781	244	3986047	66.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	136849	30.97	ng		92
3) Pyridine	3.711	79	396609	33.50	ng		96
4) n-Nitrosodimethylamine	3.628	42	150427	40.18	ng		92
6) Aniline	7.134	93	591961	34.76	ng		96
8) 2-Chlorophenol	7.375	128	532806	42.93	ng		94
9) Benzaldehyde	6.946	77	67928	7.70	ng		88
10) Phenol	7.011	94	628331	43.77	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	471889	41.08	ng		95
12) 1,3-Dichlorobenzene	7.693	146	580742	37.84	ng		98
13) 1,4-Dichlorobenzene	7.840	146	590503	38.03	ng		99
14) 1,2-Dichlorobenzene	8.158	146	569338	38.40	ng		99
15) Benzyl Alcohol	8.046	79	407135	41.97	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	462253	37.94	ng		94
17) 2-Methylphenol	8.252	107	436268	43.07	ng		99
18) Hexachloroethane	8.881	117	197437	36.80	ng		96
19) n-Nitroso-di-n-propyla...	8.611	70	324500	38.65	ng		95
20) 3+4-Methylphenols	8.581	107	592617	42.88	ng		99
22) Acetophenone	8.628	105	719405	39.21	ng	#	97
24) Nitrobenzene	9.005	77	503309	39.13	ng		91
25) Isophorone	9.528	82	952820	40.19	ng		95
26) 2-Nitrophenol	9.716	139	294586	41.54	ng		94
27) 2,4-Dimethylphenol	9.781	122	488529	49.74	ng		97
28) bis(2-Chloroethoxy)met...	10.010	93	619129	38.06	ng		99
29) 2,4-Dichlorophenol	10.258	162	541307	41.50	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	571968	36.46	ng		98
31) Naphthalene	10.652	128	1597218	39.12	ng		100
32) Benzoic acid	9.940	122	292469	38.11	ng		90
33) 4-Chloroaniline	10.763	127	389168	22.07	ng		97
34) Hexachlorobutadiene	10.934	225	356793	33.84	ng		99
35) Caprolactam	11.546	113	167808	40.30	ng	#	79
36) 4-Chloro-3-methylphenol	11.904	107	522895	42.11	ng		99
37) 2-Methylnaphthalene	12.269	142	1174089	39.12	ng		99
38) 1-Methylnaphthalene	12.487	142	1100058	38.61	ng		99
40) 1,2,4,5-Tetrachloroben...	12.640	216	661828	39.11	ng		99
41) Hexachlorocyclopentadiene	12.616	237	608532	67.95	ng		98
43) 2,4,6-Trichlorophenol	12.887	196	443442	40.26	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	480803	42.01	ng		98
46) 1,1'-Biphenyl	13.287	154	1520265	40.38	ng		99
47) 2-Chloronaphthalene	13.328	162	1202249	38.58	ng		98
48) 2-Nitroaniline	13.534	65	284685	39.50	ng		82
49) Acenaphthylene	14.175	152	1898050	40.76	ng		100
50) Dimethylphthalate	13.916	163	1547677	39.65	ng		99
51) 2,6-Dinitrotoluene	14.034	165	352168	42.32	ng		95
52) Acenaphthene	14.522	154	1133320	39.93	ng		99
53) 3-Nitroaniline	14.369	138	236921	26.16	ng		91
54) 2,4-Dinitrophenol	14.593	184	372628	66.72	ng		94
55) Dibenzofuran	14.857	168	1874440	40.79	ng		97
56) 4-Nitrophenol	14.693	139	549831	87.45	ng		92
57) 2,4-Dinitrotoluene	14.834	165	489497	43.03	ng		93
58) Fluorene	15.510	166	1522043	41.48	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.093	232	436321	40.62	ng	#	90
60) Diethylphthalate	15.287	149	1514886	39.69	ng		98
61) 4-Chlorophenyl-phenyle...	15.504	204	809336	39.03	ng		92
62) 4-Nitroaniline	15.540	138	361025	37.74	ng		96
63) Azobenzene	15.798	77	1190007	41.17	ng		95
65) 4,6-Dinitro-2-methylph...	15.610	198	277079	45.86	ng		96
66) n-Nitrosodiphenylamine	15.722	169	1354478	42.12	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	532048	38.38	ng		95
68) Hexachlorobenzene	16.528	284	626285	37.82	ng		95
69) Atrazine	16.681	200	427134	37.76	ng		98
70) Pentachlorophenol	16.875	266	616721	82.98	ng		99
71) Phenanthrene	17.263	178	2463894	41.43	ng		100
72) Anthracene	17.351	178	2522408	43.77	ng		100
73) Carbazole	17.628	167	2283598	42.51	ng		99
74) Di-n-butylphthalate	18.175	149	2600293	40.06	ng		99
75) Fluoranthene	19.233	202	2984219	41.24	ng		99
77) Benzidine	19.410	184	1440268	50.38	ng		100
78) Pyrene	19.586	202	3042197	40.92	ng		100
80) Butylbenzylphthalate	20.457	149	1177221	39.15	ng		95
81) Benzo(a)anthracene	21.298	228	3040467	40.91	ng		100
82) 3,3'-Dichlorobenzidine	21.228	252	861865	32.17	ng		98
83) Chrysene	21.351	228	2936093	41.51	ng		99
84) Bis(2-ethylhexyl)phtha...	21.216	149	1735720	40.42	ng		98
85) Di-n-octyl phthalate	22.122	149	2971042	40.75	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.086	276	3959499	44.25	ng		98
88) Benzo(b)fluoranthene	22.951	252	3381896	45.07	ng		99
89) Benzo(k)fluoranthene	22.998	252	3079730	43.03	ng		99
90) Benzo(a)pyrene	23.557	252	2972438	42.46	ng		99
91) Dibenzo(a,h)anthracene	26.092	278	3313198	44.88	ng		99
92) Benzo(g,h,i)perylene	26.827	276	3303758	45.44	ng		97

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

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