Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009105.D
Acq On : 10 Feb 2022 18:23
Operator : CG/JU
Sample : N1469-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Quant Time: Feb 11 02:25:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	216101	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	876908	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	566096	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1141701	20.000	ng		0.00
76) Chrysene-d12	21.304	240	1022742	20.000	ng		0.00
86) Perylene-d12	23.704	264	1164121	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1511152	124.738	ng		0.01
7) Phenol-d6	6.999	99	1946172	121.918	ng		0.01
23) Nitrobenzene-d5	8.963	82	1203028	77.366	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1000681	132.393	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	3259702	80.609	ng		0.00
79) Terphenyl-d14	19.769	244	4250831	74.744	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	149984	37.592	ng		99
3) Pyridine	3.699	79	416475	35.733	ng		97
4) n-Nitrosodimethylamine	3.617	42	196483	44.005	ng		86
6) Aniline	7.134	93	660267	36.440	ng		96
8) 2-Chlorophenol	7.375	128	670511	49.042	ng		97
9) Benzaldehyde	6.946	77	366245m	45.295	ng		
10) Phenol	7.028	94	814161	50.727	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	570741	45.798	ng		97
12) 1,3-Dichlorobenzene	7.687	146	740381	46.823	ng		99
13) 1,4-Dichlorobenzene	7.834	146	771111	47.771	ng		98
14) 1,2-Dichlorobenzene	8.152	146	738911	47.235	ng		97
15) Benzyl Alcohol	8.052	79	534840	52.633	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	627959	44.706	ng		99
17) 2-Methylphenol	8.269	107	529667	49.226	ng		94
18) Hexachloroethane	8.875	117	247023	46.196	ng		97
19) n-Nitroso-di-n-propyla...	8.616	70	434078	47.493	ng		97
20) 3+4-Methylphenols	8.599	107	707548	48.048	ng		97
22) Acetophenone	8.628	105	915278	44.649	ng	#	96
24) Nitrobenzene	9.010	77	662439	45.065	ng		97
25) Isophorone	9.534	82	1213962	46.988	ng		98
26) 2-Nitrophenol	9.716	139	366763	48.242	ng		96
27) 2,4-Dimethylphenol	9.793	122	617464	54.316	ng		100
28) bis(2-Chloroethoxy)met...	10.016	93	767706	43.778	ng		99
29) 2,4-Dichlorophenol	10.269	162	678498	47.764	ng		98
30) 1,2,4-Trichlorobenzene	10.463	180	781323	46.779	ng		99
31) Naphthalene	10.651	128	2053602	45.916	ng		99
32) Benzoic acid	9.999	122	414852	44.783	ng		99
33) 4-Chloroaniline	10.769	127	511871	28.343	ng		99
34) Hexachlorobutadiene	10.934	225	494946	48.172	ng		99
35) Caprolactam	11.581	113	189705	45.544	ng		98
36) 4-Chloro-3-methylphenol	11.922	107	640750	47.286	ng		97
37) 2-Methylnaphthalene	12.263	142	1502369	47.468	ng		99
38) 1-Methylnaphthalene	12.487	142	1409746	45.584	ng		98
40) 1,2,4,5-Tetrachloroben...	12.640	216	903465	50.140	ng		100
41) Hexachlorocyclopentadiene	12.610	237	263284	43.493	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	589449	49.330	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	646527	50.456	ng		98
46) 1,1'-Biphenyl	13.281	154	1989160	47.826	ng		96
47) 2-Chloronaphthalene	13.322	162	1553319	46.999	ng		99
48) 2-Nitroaniline	13.534	65	373807	48.812	ng		97
49) Acenaphthylene	14.169	152	2523070	50.636	ng		99
50) Dimethylphthalate	13.910	163	1871361	46.376	ng		100
51) 2,6-Dinitrotoluene	14.034	165	417779	49.642	ng		98
52) Acenaphthene	14.510	154	1395736	46.038	ng		96
53) 3-Nitroaniline	14.369	138	305879	35.534	ng		100
54) 2,4-Dinitrophenol	14.592	184	161001	37.204	ng		95
55) Dibenzofuran	14.845	168	2292095	44.875	ng		97
56) 4-Nitrophenol	14.722	139	623999	83.048	ng		96
57) 2,4-Dinitrotoluene	14.828	165	558343	50.801	ng	#	92
58) Fluorene	15.498	166	1803483	45.959	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	525794m	46.888	ng		
60) Diethylphthalate	15.275	149	1805642	47.324	ng		100
61) 4-Chlorophenyl-phenyle...	15.492	204	971800	45.580	ng		97
62) 4-Nitroaniline	15.534	138	403776	46.652	ng		90
63) Azobenzene	15.786	77	1487363	45.054	ng		97
65) 4,6-Dinitro-2-methylph...	15.604	198	119467	17.051	ng		95
66) n-Nitrosodiphenylamine	15.710	169	1600547	46.225	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	638598	48.268	ng		98
68) Hexachlorobenzene	16.516	284	736600	49.703	ng		98
69) Atrazine	16.675	200	599515	52.217	ng		99
70) Pentachlorophenol	16.869	266	837649	107.344	ng		99
71) Phenanthrene	17.245	178	3094863	50.063	ng		99
72) Anthracene	17.339	178	3032621	50.140	ng		99
73) Carbazole	17.616	167	2633606	45.426	ng		99
74) Di-n-butylphthalate	18.163	149	3031710	51.610	ng		100
75) Fluoranthene	19.222	202	3923382	56.625	ng		97
77) Benzidine	19.404	184	2352890	110.096	ng		99
78) Pyrene	19.575	202	3910439	53.749	ng		98
80) Butylbenzylphthalate	20.445	149	1320427	52.782	ng		98
81) Benzo(a)anthracene	21.292	228	3454923	52.420	ng		97
82) 3,3'-Dichlorobenzidine	21.221	252	1231129	53.874	ng		98
83) Chrysene	21.339	228	3159688	49.730	ng		98
84) Bis(2-ethylhexyl)phtha...	21.210	149	1756921	53.093	ng		99
85) Di-n-octyl phthalate	22.127	149	3146487	59.442	ng		99
87) Indeno(1,2,3-cd)pyrene	26.227	276	4282468	49.510	ng		96
88) Benzo(b)fluoranthene	22.974	252	3800471	53.031	ng		99
89) Benzo(k)fluoranthene	23.021	252	3386912	47.370	ng		98
90) Benzo(a)pyrene	23.604	252	3646008	61.022	ng		98
91) Dibenzo(a,h)anthracene	26.227	278	3467843	48.786	ng		97
92) Benzo(g,h,i)perylene	26.992	276	3766287	53.216	ng		97

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

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