Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033649.D
Acq On : 05 Jan 2022 18:52
Operator : CG/JU
Sample : PB141851BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 06 00:39:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB141851BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	172904	20.000	ng		0.00
21) Naphthalene-d8	10.807	136	776908	20.000	ng		0.00
39) Acenaphthene-d10	14.624	164	519867	20.000	ng		0.00
64) Phenanthrene-d10	17.359	188	1093025	20.000	ng		0.00
76) Chrysene-d12	21.524	240	983390	20.000	ng		0.00
86) Perylene-d12	23.953	264	892612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.531	112	1303229	118.874	ng		0.00
7) Phenol-d6	7.142	99	1715039	116.071	ng		0.00
23) Nitrobenzene-d5	9.148	82	1168097	69.436	ng		0.00
42) 2,4,6-Tribromophenol	16.107	330	686239	126.383	ng		0.00
45) 2-Fluorobiphenyl	13.260	172	2600937	65.530	ng		0.00
79) Terphenyl-d14	19.971	244	3992165	73.072	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	138645	28.216	ng		98
3) Pyridine	3.772	79	303774	23.875	ng		97
4) n-Nitrosodimethylamine	3.678	42	245502	38.621	ng	#	74
6) Aniline	7.301	93	622711	37.205	ng		99
8) 2-Chlorophenol	7.548	128	526345	43.905	ng		90
9) Benzaldehyde	7.107	77	108055	9.169	ng		96
10) Phenol	7.166	94	664611	44.738	ng		96
11) bis(2-Chloroethyl)ether	7.401	93	479633	40.929	ng		95
12) 1,3-Dichlorobenzene	7.878	146	519217	38.750	ng		96
13) 1,4-Dichlorobenzene	8.019	146	529834	38.666	ng		97
14) 1,2-Dichlorobenzene	8.342	146	515591	38.907	ng		100
15) Benzyl Alcohol	8.225	79	521377	43.225	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.525	45	714237	40.415	ng		99
17) 2-Methylphenol	8.431	107	463041	45.154	ng		96
18) Hexachloroethane	9.084	117	209628	40.373	ng		98
19) n-Nitroso-di-n-propyla...	8.801	70	416026	43.095	ng		93
20) 3+4-Methylphenols	8.760	107	629622	44.942	ng		95
22) Acetophenone	8.813	105	796714	38.237	ng	#	95
24) Nitrobenzene	9.195	77	610610	38.170	ng		94
25) Isophorone	9.731	82	1108517	40.680	ng		98
26) 2-Nitrophenol	9.907	139	280421	41.604	ng		90
27) 2,4-Dimethylphenol	9.972	122	529443	47.052	ng		96
28) bis(2-Chloroethoxy)met...	10.207	93	680510	37.882	ng		98
29) 2,4-Dichlorophenol	10.448	162	522383	42.402	ng		99
30) 1,2,4-Trichlorobenzene	10.666	180	502484	36.517	ng		97
31) Naphthalene	10.854	128	1612727	37.875	ng		99
32) Benzoic acid	10.113	122	393988	49.761	ng		89
33) 4-Chloroaniline	10.954	127	252143	15.007	ng		97
34) Hexachlorobutadiene	11.154	225	327994	36.493	ng		97
35) Caprolactam	11.742	113	169646m	49.649	ng		
36) 4-Chloro-3-methylphenol	12.077	107	637824	44.570	ng		100
37) 2-Methylnaphthalene	12.466	142	1199087	41.674	ng		99
38) 1-Methylnaphthalene	12.683	142	1111875	39.759	ng		100
40) 1,2,4,5-Tetrachloroben...	12.830	216	595948	36.262	ng		99
41) Hexachlorocyclopentadiene	12.819	237	727305	70.350	ng		99
43) 2,4,6-Trichlorophenol	13.060	196	420250	39.198	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.130	196	455971	40.199	ng		98
46) 1,1'-Biphenyl	13.466	154	1575113	37.093	ng		98
47) 2-Chloronaphthalene	13.507	162	1157443	36.299	ng		97
48) 2-Nitroaniline	13.701	65	424701	42.460	ng		89
49) Acenaphthylene	14.348	152	1938408	38.954	ng		99
50) Dimethylphthalate	14.083	163	1588548	39.362	ng		99
51) 2,6-Dinitrotoluene	14.195	165	343310	43.925	ng		92
52) Acenaphthene	14.689	154	1461583m	45.154	ng		
53) 3-Nitroaniline	14.518	138	269935	32.362	ng		92
54) 2,4-Dinitrophenol	14.724	184	419144	116.192	ng		89
55) Dibenzofuran	15.024	168	1842396	37.972	ng		96
56) 4-Nitrophenol	14.824	139	628056	95.007	ng		89
57) 2,4-Dinitrotoluene	14.977	165	482773	48.374	ng		89
58) Fluorene	15.665	166	1488152	40.038	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.242	232	405052	42.292	ng		98
60) Diethylphthalate	15.442	149	1716116	41.277	ng		100
61) 4-Chlorophenyl-phenyle...	15.665	204	744021	38.795	ng		95
62) 4-Nitroaniline	15.677	138	366114	45.063	ng		94
63) Azobenzene	15.954	77	1634646	39.770	ng		96
65) 4,6-Dinitro-2-methylph...	15.736	198	255857	42.634	ng		88
66) n-Nitrosodiphenylamine	15.871	169	1355882	36.707	ng		98
67) 4-Bromophenyl-phenylether	16.554	248	420066	34.744	ng		95
68) Hexachlorobenzene	16.671	284	511965	37.183	ng		100
69) Atrazine	16.824	200	502890	39.685	ng		98
70) Pentachlorophenol	17.012	266	719540	85.932	ng		98
71) Phenanthrene	17.407	178	2406246	38.472	ng		99
72) Anthracene	17.495	178	2445319	39.858	ng		99
73) Carbazole	17.759	167	2232415	38.597	ng		99
74) Di-n-butylphthalate	18.330	149	3519194	47.137	ng		100
75) Fluoranthene	19.412	202	2723935	41.485	ng		99
77) Benzidine	19.583	184	890081	30.158	ng		99
78) Pyrene	19.771	202	2742482	39.610	ng		98
80) Butylbenzylphthalate	20.665	149	1328256	42.952	ng		94
81) Benzo(a)anthracene	21.506	228	2513686	37.696	ng		98
82) 3,3'-Dichlorobenzidine	21.436	252	747897	31.616	ng		99
83) Chrysene	21.565	228	2460089	38.551	ng		99
84) Bis(2-ethylhexyl)phtha...	21.442	149	1957925	41.564	ng		99
85) Di-n-octyl phthalate	22.383	149	3281604	42.838	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.500	276	2409378	36.604	ng		99
88) Benzo(b)fluoranthene	23.218	252	2532686	44.504	ng		100
89) Benzo(k)fluoranthene	23.265	252	2309342	41.869	ng		99
90) Benzo(a)pyrene	23.847	252	2284900	48.376	ng		99
91) Dibenzo(a,h)anthracene	26.524	278	2062929	37.732	ng		96
92) Benzo(g,h,i)perylene	27.288	276	1993474	37.086	ng		97

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

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