Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033558.D
Acq On : 21 Dec 2021 17:22
Operator : CG/JU
Sample : PB141506BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 03:38:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 21 16:25:49 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB141506BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
12/31/2021
Supervised By :mohammad ahmed
12/31/2021
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12/31/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	33004	20.000	ng		0.00
21) Naphthalene-d8	10.719	136	150877	20.000	ng		0.00
39) Acenaphthene-d10	14.560	164	101834	20.000	ng		0.00
64) Phenanthrene-d10	17.301	188	199378	20.000	ng		0.00
76) Chrysene-d12	21.483	240	145805	20.000	ng		0.00
86) Perylene-d12	23.883	264	122376	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.478	112	287478	149.927	ng		0.00
7) Phenol-d6	7.084	99	377076	140.466	ng		0.00
23) Nitrobenzene-d5	9.084	82	307583	84.676	ng		0.00
42) 2,4,6-Tribromophenol	16.048	330	148585	118.496	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	645210	89.328	ng		0.00
79) Terphenyl-d14	19.924	244	823304	93.922	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	26819	33.513	ng	#	92
3) Pyridine	3.772	79	60174	29.771	ng	#	92
4) n-Nitrosodimethylamine	3.684	42	71327	47.262	ng	#	81
6) Aniline	7.243	93	125453	40.943	ng		99
8) 2-Chlorophenol	7.472	128	102719	48.609	ng		99
9) Benzaldehyde	7.054	77	65797m	41.982	ng		
10) Phenol	7.113	94	134556	50.492	ng		86
11) bis(2-Chloroethyl)ether	7.337	93	97227	47.851	ng		98
12) 1,3-Dichlorobenzene	7.795	146	114300	45.850	ng		95
13) 1,4-Dichlorobenzene	7.948	146	115937	45.749	ng		99
14) 1,2-Dichlorobenzene	8.260	146	114235	45.819	ng		99
15) Benzyl Alcohol	8.160	79	118666m	46.929	ng		
16) 2,2'-oxybis(1-Chloropr...	8.448	45	169465	47.186	ng		99
17) 2-Methylphenol	8.366	107	95569	49.323	ng		93
18) Hexachloroethane	8.989	117	50015	48.251	ng		95
19) n-Nitroso-di-n-propyla...	8.731	70	95239	45.546	ng		92
20) 3+4-Methylphenols	8.695	107	126340	47.559	ng		93
22) Acetophenone	8.742	105	178766	43.253	ng	#	91
24) Nitrobenzene	9.125	77	151603	43.668	ng		96
25) Isophorone	9.654	82	240220	41.960	ng		99
26) 2-Nitrophenol	9.836	139	58570	44.165	ng	#	87
27) 2,4-Dimethylphenol	9.895	122	103865	50.728	ng		94
28) bis(2-Chloroethoxy)met...	10.136	93	134403	41.895	ng		97
29) 2,4-Dichlorophenol	10.372	162	106820	44.758	ng		100
30) 1,2,4-Trichlorobenzene	10.583	180	118258	42.051	ng		100
31) Naphthalene	10.772	128	343400	42.402	ng		98
32) Benzoic acid	10.072	122	70461	42.246	ng		98
33) 4-Chloroaniline	10.895	127	38850	12.623	ng		96
34) Hexachlorobutadiene	11.048	225	79863	41.292	ng		96
35) Caprolactam	11.701	113	29658	59.381	ng		97
36) 4-Chloro-3-methylphenol	12.019	107	128867	41.951	ng		99
37) 2-Methylnaphthalene	12.383	142	258367	44.531	ng		95
38) 1-Methylnaphthalene	12.601	142	238528	41.139	ng		99
40) 1,2,4,5-Tetrachloroben...	12.748	216	138313	47.270	ng	#	97
41) Hexachlorocyclopentadiene	12.719	237	208637	128.293	ng		99
43) 2,4,6-Trichlorophenol	12.989	196	93646	45.476	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	99023	45.296	ng		96
46) 1,1'-Biphenyl	13.395	154	344616	46.117	ng		98
47) 2-Chloronaphthalene	13.436	162	258889	44.658	ng		97
48) 2-Nitroaniline	13.648	65	96586	43.614	ng		96
49) Acenaphthylene	14.283	152	414153	44.606	ng		98
50) Dimethylphthalate	14.024	163	323167	41.167	ng		99
51) 2,6-Dinitrotoluene	14.148	165	67679	43.189	ng		89
52) Acenaphthene	14.619	154	245507	44.015	ng		100
53) 3-Nitroaniline	14.477	138	38501	25.019	ng	#	91
54) 2,4-Dinitrophenol	14.683	184	90250	92.540	ng	#	80
55) Dibenzofuran	14.960	168	399558	41.833	ng		95
56) 4-Nitrophenol	14.789	139	105611	88.900	ng	#	77
57) 2,4-Dinitrotoluene	14.930	165	95984	43.883	ng		90
58) Fluorene	15.607	166	324491	42.144	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.183	232	84690	42.204	ng		96
60) Diethylphthalate	15.383	149	343189	40.518	ng		97
61) 4-Chlorophenyl-phenyle...	15.601	204	167003	41.146	ng		92
62) 4-Nitroaniline	15.642	138	64108	40.430	ng	#	75
63) Azobenzene	15.895	77	389542	41.676	ng		94
65) 4,6-Dinitro-2-methylph...	15.689	198	55101	41.410	ng		94
66) n-Nitrosodiphenylamine	15.818	169	276718	46.794	ng		97
67) 4-Bromophenyl-phenylether	16.495	248	96655	44.918	ng	#	89
68) Hexachlorobenzene	16.607	284	107005	46.098	ng		96
69) Atrazine	16.771	200	96091	72.346	ng		97
70) Pentachlorophenol	16.954	266	133911	94.488	ng		97
71) Phenanthrene	17.348	178	485726	44.158	ng		99
72) Anthracene	17.436	178	494046	45.663	ng		99
73) Carbazole	17.712	167	419782	40.440	ng		98
74) Di-n-butylphthalate	18.271	149	545182	42.437	ng		99
75) Fluoranthene	19.359	202	518156	41.183	ng		98
77) Benzidine	19.554	184	295058	183.414	ng		99
78) Pyrene	19.724	202	520454	48.054	ng		100
80) Butylbenzylphthalate	20.618	149	216242	45.773	ng		93
81) Benzo(a)anthracene	21.465	228	422492	42.532	ng		99
82) 3,3'-Dichlorobenzidine	21.406	252	122191	27.387	ng		99
83) Chrysene	21.524	228	413987	43.456	ng		99
84) Bis(2-ethylhexyl)phtha...	21.395	149	298864	45.862	ng		99
85) Di-n-octyl phthalate	22.318	149	469749	44.084	ng		100
87) Indeno(1,2,3-cd)pyrene	26.371	276	379393	43.774	ng	#	94
88) Benzo(b)fluoranthene	23.153	252	383834	48.969	ng		99
89) Benzo(k)fluoranthene	23.200	252	362836	46.446	ng	#	95
90) Benzo(a)pyrene	23.777	252	354195	53.675	ng		98
91) Dibenzo(a,h)anthracene	26.382	278	331005	45.238	ng	#	96
92) Benzo(g,h,i)perylene	27.135	276	330800	45.907	ng		96

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

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