Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007949.D
Acq On : 11 Nov 2021 17:14
Operator : CG/JU
Sample : M4630-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 12 00:27:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:53:53 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-13W-5.0MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

11/12/2021
Supervised By :mohammad ahmed

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11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	207623	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	779019	20.000	ng	#	0.00
39) Acenaphthene-d10	14.487	164	461652	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	939718	20.000	ng	#	0.00
76) Chrysene-d12	21.339	240	709929	20.000	ng	#	0.00
86) Perylene-d12	23.739	264	610914	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1481799	121.038	ng		0.00
7) Phenol-d6	7.034	99	1791280	101.090	ng		0.00
23) Nitrobenzene-d5	9.010	82	1131191	78.001	ng		0.00
42) 2,4,6-Tribromophenol	15.987	330	851951	129.310	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	2643158	83.378	ng		0.00
79) Terphenyl-d14	19.810	244	3414598	97.941	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	210197	50.260	ng		96
3) Pyridine	3.740	79	501087	36.891	ng		95
4) n-Nitrosodimethylamine	3.652	42	271399	46.720	ng	#	94
6) Aniline	7.181	93	773574	38.759	ng		97
8) 2-Chlorophenol	7.416	128	660664	48.970	ng		96
9) Benzaldehyde	6.987	77	369785	38.378	ng		97
10) Phenol	7.058	94	785383	46.415	ng		94
11) bis(2-Chloroethyl)ether	7.275	93	583975	43.236	ng		96
12) 1,3-Dichlorobenzene	7.740	146	716602	47.759	ng		99
13) 1,4-Dichlorobenzene	7.887	146	733508	47.845	ng		100
14) 1,2-Dichlorobenzene	8.199	146	700692	47.294	ng		100
15) Benzyl Alcohol	8.099	79	595143	44.363	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	664931	41.998	ng		95
17) 2-Methylphenol	8.305	107	539466	46.104	ng		98
18) Hexachloroethane	8.928	117	266046	50.183	ng		89
19) n-Nitroso-di-n-propyla...	8.663	70	436287	40.232	ng		94
20) 3+4-Methylphenols	8.634	107	722775	43.912	ng		97
22) Acetophenone	8.675	105	897129	45.705	ng		98
24) Nitrobenzene	9.052	77	670407	48.579	ng		97
25) Isophorone	9.587	82	1192382	45.242	ng		97
26) 2-Nitrophenol	9.763	139	358835	51.343	ng		96
27) 2,4-Dimethylphenol	9.834	122	588439	54.787	ng		95
28) bis(2-Chloroethoxy)met...	10.063	93	750022	43.126	ng		99
29) 2,4-Dichlorophenol	10.305	162	656341	50.827	ng		97
30) 1,2,4-Trichlorobenzene	10.516	180	700654	48.785	ng		98
31) Naphthalene	10.699	128	1850724	46.964	ng		99
32) Benzoic acid	10.022	122	453162	48.946	ng		98
33) 4-Chloroaniline	10.810	127	223394	12.869	ng		99
34) Hexachlorobutadiene	10.993	225	494062	52.395	ng		100
35) Caprolactam	11.628	113	187888m	41.683	ng		
36) 4-Chloro-3-methylphenol	11.951	107	673768	46.188	ng		99
37) 2-Methylnaphthalene	12.310	142	1376407	47.352	ng		97
38) 1-Methylnaphthalene	12.528	142	1274623	44.754	ng		99
40) 1,2,4,5-Tetrachloroben...	12.681	216	806321	55.716	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1095890	141.389	ng		98
43) 2,4,6-Trichlorophenol	12.928	196	555956	54.999	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.998	196	604587	55.214	ng		96
46) 1,1'-Biphenyl	13.322	154	1705801	51.176	ng		97
47) 2-Chloronaphthalene	13.363	162	1359968	52.503	ng		99
48) 2-Nitroaniline	13.569	65	376015	50.450	ng		97
49) Acenaphthylene	14.210	152	1968053	48.380	ng		99
50) Dimethylphthalate	13.957	163	1724990	48.412	ng		100
51) 2,6-Dinitrotoluene	14.069	165	361946	49.118	ng		98
52) Acenaphthene	14.557	154	1154924	47.009	ng		98
53) 3-Nitroaniline	14.398	138	213828	27.199	ng	#	93
54) 2,4-Dinitrophenol	14.610	184	422878	93.352	ng	#	88
55) Dibenzofuran	14.893	168	1898494	45.681	ng		97
56) 4-Nitrophenol	14.722	139	541899	81.156	ng		90
57) 2,4-Dinitrotoluene	14.863	165	488806	48.185	ng		87
58) Fluorene	15.540	166	1471485	46.679	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.122	232	476226m	48.314	ng		
60) Diethylphthalate	15.322	149	1639783	47.402	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	825057	47.918	ng		99
62) 4-Nitroaniline	15.569	138	323715	40.544	ng		89
63) Azobenzene	15.828	77	1355481	46.425	ng		97
65) 4,6-Dinitro-2-methylph...	15.628	198	274832	44.665	ng		92
66) n-Nitrosodiphenylamine	15.751	169	1331382	49.766	ng		99
67) 4-Bromophenyl-phenylether	16.434	248	557651	53.604	ng		97
68) Hexachlorobenzene	16.551	284	629611	54.237	ng		94
69) Atrazine	16.716	200	536020	52.324	ng		98
70) Pentachlorophenol	16.898	266	743128	99.532	ng		97
71) Phenanthrene	17.287	178	2321942	47.003	ng		99
72) Anthracene	17.381	178	2392238	49.207	ng		99
73) Carbazole	17.651	167	2000457	41.396	ng		98
74) Di-n-butylphthalate	18.210	149	2691258	48.899	ng		99
75) Fluoranthene	19.257	202	2667373	42.803	ng		97
77) Benzidine	19.433	184	1180548	65.981	ng		99
78) Pyrene	19.610	202	2647848	60.810	ng		99
80) Butylbenzylphthalate	20.486	149	1052764	57.528	ng		96
81) Benzo(a)anthracene	21.322	228	2151254	45.996	ng		100
82) 3,3'-Dichlorobenzidine	21.251	252	543343	34.596	ng		99
83) Chrysene	21.375	228	2063485	46.604	ng		100
84) Bis(2-ethylhexyl)phtha...	21.251	149	1508824	57.488	ng	#	98
85) Di-n-octyl phthalate	22.180	149	2234438	47.327	ng		96
87) Indeno(1,2,3-cd)pyrene	26.262	276	2496405	54.821	ng	#	94
88) Benzo(b)fluoranthene	23.010	252	1864279	51.769	ng	#	98
89) Benzo(k)fluoranthene	23.057	252	1773158	49.610	ng	#	98
90) Benzo(a)pyrene	23.639	252	1772823	56.854	ng	#	97
91) Dibenzo(a,h)anthracene	26.274	278	2098837	55.608	ng	#	97
92) Benzo(g,h,i)perylene	27.027	276	2221376	59.327	ng	#	95

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

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