Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007852.D
Acq On : 04 Nov 2021 17:28
Operator : CG/JU
Sample : M4436-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SPMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 07 11:16:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	181121	20.000	ng		-0.01
21) Naphthalene-d8	10.716	136	648002	20.000	ng		-0.01
39) Acenaphthene-d10	14.551	164	407254	20.000	ng		-0.01
64) Phenanthrene-d10	17.310	188	864833	20.000	ng		-0.01
76) Chrysene-d12	21.404	240	891403	20.000	ng		-0.01
86) Perylene-d12	23.839	264	1038703	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1203608	112.700	ng		0.00
7) Phenol-d6	7.087	99	1500211	97.052	ng		0.00
23) Nitrobenzene-d5	9.069	82	853707	70.770	ng		-0.02
42) 2,4,6-Tribromophenol	16.045	330	607807	104.576	ng		-0.01
45) 2-Fluorobiphenyl	13.175	172	1972481	70.533	ng		-0.02
79) Terphenyl-d14	19.875	244	3013232	68.833	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	163405	44.415	ng		97
3) Pyridine	3.775	79	437767	36.945	ng		97
4) n-Nitrosodimethylamine	3.687	42	221510	43.711	ng	#	94
6) Aniline	7.234	93	357759	20.548	ng		99
8) 2-Chlorophenol	7.475	128	569361	48.378	ng		96
9) Benzaldehyde	7.046	77	336144	39.991	ng		96
10) Phenol	7.116	94	698644	47.330	ng		98
11) bis(2-Chloroethyl)ether	7.334	93	510904	43.361	ng		97
12) 1,3-Dichlorobenzene	7.799	146	614245	46.928	ng		96
13) 1,4-Dichlorobenzene	7.946	146	629071	47.037	ng		99
14) 1,2-Dichlorobenzene	8.263	146	592859	45.871	ng		98
15) Benzyl Alcohol	8.152	79	498400	42.587	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	572578	41.457	ng		95
17) 2-Methylphenol	8.363	107	455674	44.641	ng		99
18) Hexachloroethane	8.993	117	210167	45.443	ng		92
19) n-Nitroso-di-n-propyla...	8.722	70	348194	36.806	ng		93
20) 3+4-Methylphenols	8.693	107	584048	40.675	ng		99
22) Acetophenone	8.734	105	736817	45.127	ng	#	97
24) Nitrobenzene	9.110	77	545109	47.486	ng		95
25) Isophorone	9.646	82	944736	43.093	ng		97
26) 2-Nitrophenol	9.828	139	284440	48.927	ng		96
27) 2,4-Dimethylphenol	9.893	122	477731	53.473	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	597597	41.309	ng		99
29) 2,4-Dichlorophenol	10.369	162	517390	48.167	ng		98
30) 1,2,4-Trichlorobenzene	10.575	180	554686	46.430	ng		98
31) Naphthalene	10.763	128	1537849	46.915	ng		99
32) Benzoic acid	10.052	122	365979	47.522	ng		97
33) 4-Chloroaniline	10.875	127	171368	11.868	ng		97
34) Hexachlorobutadiene	11.057	225	370282	47.208	ng		99
35) Caprolactam	11.669	113	154811	41.289	ng		89
36) 4-Chloro-3-methylphenol	12.010	107	523461	43.139	ng		100
37) 2-Methylnaphthalene	12.375	142	1110918	45.945	ng		99
38) 1-Methylnaphthalene	12.593	142	1027787	43.384	ng		98
40) 1,2,4,5-Tetrachloroben...	12.746	216	616540	48.292	ng		99
41) Hexachlorocyclopentadiene	12.728	237	514228	75.206	ng		98
43) 2,4,6-Trichlorophenol	12.987	196	420720	47.180	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	457227	47.334	ng		96
46) 1,1'-Biphenyl	13.387	154	1378139	46.868	ng		99
47) 2-Chloronaphthalene	13.428	162	1105475	48.379	ng		100
48) 2-Nitroaniline	13.628	65	306045	46.547	ng		97
49) Acenaphthylene	14.275	152	1891469	52.708	ng		99
50) Dimethylphthalate	14.016	163	1354925	43.105	ng		100
51) 2,6-Dinitrotoluene	14.128	165	302128	46.477	ng		93
52) Acenaphthene	14.616	154	1028978	47.477	ng		99
53) 3-Nitroaniline	14.451	138	173092	24.959	ng	#	96
54) 2,4-Dinitrophenol	14.663	184	234489	58.679	ng		89
55) Dibenzofuran	14.951	168	1647590	44.939	ng		99
56) 4-Nitrophenol	14.781	139	532334	90.373	ng		94
57) 2,4-Dinitrotoluene	14.916	165	417986	46.707	ng		91
58) Fluorene	15.604	166	1311506	47.162	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	394296m	45.345	ng		
60) Diethylphthalate	15.381	149	1355197	44.408	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	672664	44.286	ng		98
62) 4-Nitroaniline	15.622	138	298218	42.339	ng		97
63) Azobenzene	15.892	77	1170622	45.449	ng		98
65) 4,6-Dinitro-2-methylph...	15.687	198	169820	29.989	ng		92
66) n-Nitrosodiphenylamine	15.810	169	1161570	47.178	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	443767	46.350	ng		97
68) Hexachlorobenzene	16.616	284	503651	47.143	ng		96
69) Atrazine	16.775	200	449792	47.709	ng		98
70) Pentachlorophenol	16.963	266	643072	93.589	ng		98
71) Phenanthrene	17.351	178	2293044	50.437	ng		100
72) Anthracene	17.445	178	2258866	50.487	ng		100
73) Carbazole	17.716	167	1982151	44.569	ng		100
74) Di-n-butylphthalate	18.269	149	2399662	47.376	ng		100
75) Fluoranthene	19.322	202	3428241	59.776	ng		98
77) Benzidine	19.498	184	1106745	49.263	ng		99
78) Pyrene	19.675	202	3693846	67.562	ng		99
80) Butylbenzylphthalate	20.551	149	1133556	49.332	ng		96
81) Benzo(a)anthracene	21.392	228	3594881	61.214	ng		96
82) 3,3'-Dichlorobenzidine	21.322	252	838435	42.517	ng		99
83) Chrysene	21.445	228	3388816	60.956	ng		99
84) Bis(2-ethylhexyl)phtha...	21.316	149	1633570	49.570	ng		99
85) Di-n-octyl phthalate	22.257	149	2989309	50.426	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.404	276	4412714	56.994	ng		96
88) Benzo(b)fluoranthene	23.104	252	4598231	75.099	ng		98
89) Benzo(k)fluoranthene	23.151	252	3515844	57.855	ng		99
90) Benzo(a)pyrene	23.739	252	4074697	76.857	ng		99
91) Dibenzo(a,h)anthracene	26.415	278	3202799	49.909	ng		98
92) Benzo(g,h,i)perylene	27.186	276	3846606	60.422	ng		97

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

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