Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
Data File : BP008165.D
Acq On : 30 Nov 2021 18:57
Operator : CG/JU
Sample : M4849-01MSD 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-1-112921MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 00:12:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	14455	20.000	ng		-0.02
21) Naphthalene-d8	10.599	136	58243	20.000	ng		-0.01
39) Acenaphthene-d10	14.445	164	39254	20.000	ng		-0.01
64) Phenanthrene-d10	17.210	188	82650	20.000	ng		0.00
76) Chrysene-d12	21.304	240	66640	20.000	ng		-0.01
86) Perylene-d12	23.704	264	65301	20.000	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	92450	102.977	ng		-0.01
7) Phenol-d6	6.981	99	125506	103.559	ng		-0.02
23) Nitrobenzene-d5	8.958	82	84485	65.962	ng		-0.02
42) 2,4,6-Tribromophenol	15.945	330	49198	98.056	ng		-0.01
45) 2-Fluorobiphenyl	13.069	172	191093	70.711	ng		-0.01
79) Terphenyl-d14	19.775	244	283067	88.774	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	11496	27.447	ng		99
3) Pyridine	3.711	79	25297	22.629	ng		96
4) n-Nitrosodimethylamine	3.611	42	17807	38.190	ng	#	93
6) Aniline	7.128	93	37171	26.165	ng		96
8) 2-Chlorophenol	7.369	128	39017	42.455	ng		99
9) Benzaldehyde	6.946	77	25048	36.976	ng		98
10) Phenol	7.011	94	56019	44.981	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	39837	40.019	ng		96
12) 1,3-Dichlorobenzene	7.693	146	42301	39.876	ng		98
13) 1,4-Dichlorobenzene	7.834	146	43130	40.102	ng		99
14) 1,2-Dichlorobenzene	8.152	146	42207	39.459	ng		96
15) Benzyl Alcohol	8.052	79	40090	41.751	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.334	45	61776	41.129	ng		96
17) 2-Methylphenol	8.258	107	35053	43.263	ng		96
18) Hexachloroethane	8.875	117	12851	32.135	ng		95
19) n-Nitroso-di-n-propyla...	8.610	70	32924	39.261	ng		94
20) 3+4-Methylphenols	8.587	107	46285	41.392	ng		96
22) Acetophenone	8.628	105	60999	38.289	ng	#	98
24) Nitrobenzene	9.005	77	47278	38.062	ng		97
25) Isophorone	9.534	82	87275	38.948	ng		98
26) 2-Nitrophenol	9.716	139	13252	24.728	ng		97
27) 2,4-Dimethylphenol	9.787	122	36806	45.922	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	52461	36.734	ng		99
29) 2,4-Dichlorophenol	10.263	162	39395	41.155	ng		95
30) 1,2,4-Trichlorobenzene	10.463	180	44835	40.354	ng		98
31) Naphthalene	10.652	128	119185	39.947	ng		98
32) Benzoic acid	9.899	122	21958	33.492	ng		94
33) 4-Chloroaniline	10.769	127	28291	22.856	ng		95
34) Hexachlorobutadiene	10.940	225	31505	41.435	ng		95
35) Caprolactam	11.557	113	11589m	54.502	ng		
36) 4-Chloro-3-methylphenol	11.910	107	44132	40.330	ng		95
37) 2-Methylnaphthalene	12.263	142	88553	41.964	ng		99
38) 1-Methylnaphthalene	12.487	142	82884	40.352	ng		98
40) 1,2,4,5-Tetrachloroben...	12.640	216	51900	40.702	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	33419	38.683	ng		98
44) 2,4,5-Trichlorophenol	12.963	196	36358	39.275	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.281	154	111627	39.194	ng		98
47)	2-Chloronaphthalene	13.322	162	90218	40.112	ng		99
48)	2-Nitroaniline	13.528	65	31592	40.761	ng		92
49)	Acenaphthylene	14.169	152	146199	42.134	ng		98
50)	Dimethylphthalate	13.910	163	110639	37.534	ng		98
51)	2,6-Dinitrotoluene	14.028	165	18200	29.750	ng		91
52)	Acenaphthene	14.510	154	83741	40.497	ng		99
53)	3-Nitroaniline	14.363	138	21937	35.384	ng		96
55)	Dibenzofuran	14.851	168	138319	39.143	ng		98
56)	4-Nitrophenol	14.698	139	31242	65.745	ng		90
57)	2,4-Dinitrotoluene	14.828	165	23636	28.153	ng		99
58)	Fluorene	15.498	166	111629	38.882	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.087	232	30578	37.146	ng	#	86
60)	Diethylphthalate	15.275	149	111713	38.190	ng		98
61)	4-Chlorophenyl-phenyle...	15.498	204	60035	38.123	ng		97
62)	4-Nitroaniline	15.528	138	25221	39.204	ng		98
63)	Azobenzene	15.792	77	108476	36.254	ng		99
66)	n-Nitrosodiphenylamine	15.710	169	96250	40.203	ng		99
67)	4-Bromophenyl-phenylether	16.392	248	37404	40.698	ng		95
68)	Hexachlorobenzene	16.516	284	41323	42.063	ng		99
69)	Atrazine	16.675	200	38066	61.263	ng		99
70)	Pentachlorophenol	16.869	266	40909	70.029	ng		94
71)	Phenanthrene	17.251	178	182414	41.802	ng		99
72)	Anthracene	17.339	178	185468	42.827	ng		99
73)	Carbazole	17.616	167	160670	38.006	ng		100
74)	Di-n-butylphthalate	18.175	149	200795	37.943	ng		100
75)	Fluoranthene	19.228	202	227461	38.693	ng		98
77)	Benzidine	19.410	184	16044	17.551	ng	#	82
78)	Pyrene	19.575	202	225477	54.251	ng		99
80)	Butylbenzylphthalate	20.457	149	83286	43.889	ng		99
81)	Benzo(a)anthracene	21.292	228	187533	42.461	ng		100
82)	3,3'-Dichlorobenzidine	21.227	252	45774	21.997	ng		99
83)	Chrysene	21.345	228	180752	43.008	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.222	149	119314	41.412	ng		100
85)	Di-n-octyl phthalate	22.145	149	191928	39.214	ng	#	98
87)	Indeno(1,2,3-cd)pyrene	26.198	276	191964	40.407	ng		99
88)	Benzo(b)fluoranthene	22.974	252	187798	47.705	ng	#	93
89)	Benzo(k)fluoranthene	23.022	252	163131	42.327	ng	#	96
90)	Benzo(a)pyrene	23.592	252	171606	51.004	ng		96
91)	Dibenzo(a,h)anthracene	26.215	278	154688	39.206	ng		99
92)	Benzo(g,h,i)perylene	26.957	276	172043	43.223	ng		99

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

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