Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
Data File : BP007044.D
Acq On : 20 Sep 2021 10:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/21/2021 11:29:33 AM

Quant Time: Sep 20 11:31:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 10:50:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	322880	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1241468	20.000	ng	#	0.00
39) Acenaphthene-d10	14.539	164	805430	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	1673862	20.000	ng	#	0.00
76) Chrysene-d12	21.374	240	1648159	20.000	ng	#	0.00
86) Perylene-d12	23.792	264	1775086	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1464291	74.055	ng		0.00
7) Phenol-d6	7.075	99	2009365	74.453	ng		0.00
23) Nitrobenzene-d5	9.075	82	1686363	76.292	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	843463	87.079	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	4314284	73.947	ng		0.00
79) Terphenyl-d14	19.845	244	6679392	77.755	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	292237	33.753	ng		89
3) Pyridine	3.781	79	822157	36.931	ng	#	85
4) n-Nitrosodimethylamine	3.693	42	282213	34.508	ng	#	73
6) Aniline	7.240	93	1100860	37.855	ng		97
8) 2-Chlorophenol	7.475	128	841486	37.970	ng		100
9) Benzaldehyde	7.052	77	511083m	41.089	ng		
10) Phenol	7.104	94	1009759	37.115	ng		90
11) bis(2-Chloroethyl)ether	7.334	93	770255	36.730	ng		97
12) 1,3-Dichlorobenzene	7.799	146	916428	36.907	ng		96
13) 1,4-Dichlorobenzene	7.946	146	927861	36.855	ng		97
14) 1,2-Dichlorobenzene	8.263	146	899065	37.294	ng		98
15) Benzyl Alcohol	8.151	79	677077	38.897	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.446	45	863576	35.225	ng		90
17) 2-Methylphenol	8.351	107	674432	38.592	ng		92
18) Hexachloroethane	8.993	117	315006	37.674	ng		93
19) n-Nitroso-di-n-propyla...	8.722	70	572211	38.618	ng		97
20) 3+4-Methylphenols	8.681	107	931436	39.377	ng		94
22) Acetophenone	8.734	105	1172625	37.451	ng	#	99
24) Nitrobenzene	9.116	77	862785	37.415	ng		94
25) Isophorone	9.646	82	1629879	39.890	ng		97
26) 2-Nitrophenol	9.828	139	453867	45.396	ng	#	86
27) 2,4-Dimethylphenol	9.887	122	687756	39.092	ng		96
28) bis(2-Chloroethoxy)met...	10.122	93	934521	37.695	ng		99
29) 2,4-Dichlorophenol	10.357	162	816358	40.616	ng		98
30) 1,2,4-Trichlorobenzene	10.575	180	878966	38.457	ng		96
31) Naphthalene	10.763	128	2559913	37.214	ng		99
32) Benzoic acid	10.028	122	571114	44.162	ng		95
33) 4-Chloroaniline	10.869	127	1057924	39.610	ng		98
34) Hexachlorobutadiene	11.051	225	534993	39.748	ng		98
35) Caprolactam	11.663	113	254233	45.968	ng	#	80
36) 4-Chloro-3-methylphenol	11.992	107	816637	40.276	ng		98
37) 2-Methylnaphthalene	12.369	142	1864072	38.223	ng		94
38) 1-Methylnaphthalene	12.587	142	1760975	38.241	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.739	216	966161	37.694	ng		98
41) Hexachlorocyclopentadiene	12.716	237	458764	36.031	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	678124	40.926	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	734653	40.241	ng		94
46) 1,1'-Biphenyl	13.375	154	2306134	36.706	ng		99
47) 2-Chloronaphthalene	13.416	162	1825821	36.884	ng		98
48) 2-Nitroaniline	13.616	65	466499	41.128	ng		95
49) Acenaphthylene	14.263	152	2876437	38.346	ng		100
50) Dimethylphthalate	13.998	163	2267077	38.564	ng		99
51) 2,6-Dinitrotoluene	14.116	165	526302	41.138	ng		87
52) Acenaphthene	14.604	154	1776542	37.418	ng		99
53) 3-Nitroaniline	14.439	138	533238	41.696	ng		97
54) 2,4-Dinitrophenol	14.651	184	302751	44.628	ng		87
55) Dibenzofuran	14.939	168	2849991	37.060	ng		95
56) 4-Nitrophenol	14.745	139	464392	42.786	ng	#	80
57) 2,4-Dinitrotoluene	14.904	165	706276	43.132	ng		89
58) Fluorene	15.586	166	2246538	37.429	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	647995	41.267	ng		96
60) Diethylphthalate	15.363	149	2227975	39.407	ng		98
61) 4-Chlorophenyl-phenyle...	15.580	204	1142959	37.965	ng		92
62) 4-Nitroaniline	15.604	138	541900	42.152	ng	#	78
63) Azobenzene	15.875	77	1967945	37.586	ng		92
65) 4,6-Dinitro-2-methylph...	15.663	198	436505	43.003	ng		99
66) n-Nitrosodiphenylamine	15.792	169	2006870	37.673	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	727425	39.314	ng		95
68) Hexachlorobenzene	16.592	284	815764	39.217	ng		97
69) Atrazine	16.751	200	685472	43.275	ng		97
70) Pentachlorophenol	16.933	266	546526	43.750	ng		98
71) Phenanthrene	17.327	178	3593505	37.006	ng		99
72) Anthracene	17.422	178	3526254	37.954	ng		99
73) Carbazole	17.692	167	3460111	38.176	ng		98
74) Di-n-butylphthalate	18.245	149	3907360	42.153	ng	#	98
75) Fluoranthene	19.298	202	4293670	38.389	ng		98
77) Benzidine	19.474	184	1545667	42.394	ng		99
78) Pyrene	19.645	202	4390302	38.440	ng		98
80) Butylbenzylphthalate	20.521	149	1818759	45.487	ng		93
81) Benzo(a)anthracene	21.357	228	4304635	38.436	ng		98
82) 3,3'-Dichlorobenzidine	21.286	252	1368998	42.988	ng		98
83) Chrysene	21.410	228	4161543	37.867	ng		98
84) Bis(2-ethylhexyl)phtha...	21.280	149	2619984	44.577	ng		98
85) Di-n-octyl phthalate	22.210	149	4643723	48.341	ng		100
87) Indeno(1,2,3-cd)pyrene	26.333	276	5131258	38.090	ng	#	95
88) Benzo(b)fluoranthene	23.051	252	4460179	36.993	ng	#	98
89) Benzo(k)fluoranthene	23.104	252	4361999	37.171	ng	#	98
90) Benzo(a)pyrene	23.686	252	4153266	38.413	ng	#	98
91) Dibenzo(a,h)anthracene	26.351	278	4403567	37.787	ng	#	97
92) Benzo(g,h,i)perylene	27.109	276	4298139	38.230	ng	#	94

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

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