Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007096.D
Acq On : 22 Sep 2021 13:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/23/2021 1:21:22 PM

Quant Time: Sep 22 14:21:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	249711	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	974559	20.000	ng		# 0.00
39) Acenaphthene-d10	14.533	164	625445	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	1295144	20.000	ng		# 0.00
76) Chrysene-d12	21.362	240	1283772	20.000	ng		# 0.00
86) Perylene-d12	23.780	264	1298286	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1166372	78.188	ng		0.00
7) Phenol-d6	7.069	99	1609239	78.928	ng		0.00
23) Nitrobenzene-d5	9.063	82	1354072	80.915	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	635477	78.371	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	3376596	77.343	ng		0.00
79) Terphenyl-d14	19.839	244	5241371	78.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	237541	39.377	ng	#	87
3) Pyridine	3.775	79	658719	39.904	ng	#	86
4) n-Nitrosodimethylamine	3.681	42	235080	41.540	ng	#	81
6) Aniline	7.228	93	885590	39.405	ng		99
8) 2-Chlorophenol	7.463	128	628769	38.783	ng		97
9) Benzaldehyde	7.040	77	468523	40.794	ng		96
10) Phenol	7.093	94	769849	39.164	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	605742	39.039	ng		95
12) 1,3-Dichlorobenzene	7.793	146	705435	38.575	ng		96
13) 1,4-Dichlorobenzene	7.940	146	708896	38.024	ng		97
14) 1,2-Dichlorobenzene	8.251	146	694035	38.416	ng		99
15) Benzyl Alcohol	8.146	79	515694	39.491	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.434	45	728843	41.023	ng		88
17) 2-Methylphenol	8.346	107	519619	39.212	ng		93
18) Hexachloroethane	8.981	117	243263	38.863	ng		99
19) n-Nitroso-di-n-propyla...	8.716	70	441059	39.774	ng		99
20) 3+4-Methylphenols	8.675	107	723020	39.460	ng		96
22) Acetophenone	8.728	105	931954	39.687	ng		100
24) Nitrobenzene	9.104	77	648625	40.653	ng		98
25) Isophorone	9.634	82	1172279	40.173	ng		98
26) 2-Nitrophenol	9.816	139	323117	38.838	ng	#	90
27) 2,4-Dimethylphenol	9.875	122	514780	39.298	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	812989	39.490	ng		99
29) 2,4-Dichlorophenol	10.345	162	600214	39.279	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	670361	38.509	ng		98
31) Naphthalene	10.751	128	1932386	38.851	ng		99
32) Benzoic acid	10.010	122	380186	37.762	ng		96
33) 4-Chloroaniline	10.863	127	813680	39.598	ng		99
34) Hexachlorobutadiene	11.040	225	400124	38.388	ng		98
35) Caprolactam	11.651	113	190016	40.420	ng	#	71
36) 4-Chloro-3-methylphenol	11.981	107	618004	39.789	ng		99
37) 2-Methylnaphthalene	12.363	142	1360623	39.068	ng		96
38) 1-Methylnaphthalene	12.581	142	1323204	38.885	ng		98
40) 1,2,4,5-Tetrachloroben...	12.728	216	732963	38.268	ng		99
41) Hexachlorocyclopentadiene	12.710	237	406088	38.255	ng		97
43) 2,4,6-Trichlorophenol	12.969	196	511588	39.145	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	558175	39.661	ng		97
46) 1,1'-Biphenyl	13.369	154	1811110	38.931	ng		99
47) 2-Chloronaphthalene	13.410	162	1401406	38.888	ng		98
48) 2-Nitroaniline	13.610	65	366585	41.723	ng		97
49) Acenaphthylene	14.251	152	2187149	39.405	ng		100
50) Dimethylphthalate	13.992	163	1760187	39.130	ng		100
51) 2,6-Dinitrotoluene	14.110	165	372344	40.521	ng		91
52) Acenaphthene	14.598	154	1308138	38.900	ng		99
53) 3-Nitroaniline	14.433	138	402461	40.508	ng		98
54) 2,4-Dinitrophenol	14.639	184	216513	40.904	ng		95
55) Dibenzofuran	14.928	168	2193705	39.098	ng		96
56) 4-Nitrophenol	14.739	139	340216	42.180	ng	#	84
57) 2,4-Dinitrotoluene	14.892	165	491173	40.507	ng		96
58) Fluorene	15.580	166	1702016	39.267	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	484396m	39.196	ng		
60) Diethylphthalate	15.357	149	1730845	39.709	ng		99
61) 4-Chlorophenyl-phenyle...	15.575	204	892157	38.950	ng		93
62) 4-Nitroaniline	15.598	138	422989	42.333	ng	#	79
63) Azobenzene	15.869	77	1543905	40.874	ng		94
65) 4,6-Dinitro-2-methylph...	15.657	198	315239	40.560	ng		98
66) n-Nitrosodiphenylamine	15.786	169	1517716	39.384	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	542955	38.251	ng		97
68) Hexachlorobenzene	16.586	284	598330	38.140	ng		99
69) Atrazine	16.745	200	536595	39.503	ng		97
70) Pentachlorophenol	16.927	266	388094	39.835	ng		99
71) Phenanthrene	17.322	178	2698551	38.859	ng		100
72) Anthracene	17.416	178	2684305	39.514	ng		100
73) Carbazole	17.686	167	2628055	39.478	ng		98
74) Di-n-butylphthalate	18.239	149	2893306	39.219	ng		99
75) Fluoranthene	19.286	202	3149436	39.364	ng		97
77) Benzidine	19.468	184	1594799	40.423	ng		99
78) Pyrene	19.639	202	3282543	38.973	ng		99
80) Butylbenzylphthalate	20.515	149	1308929	38.806	ng		96
81) Benzo(a)anthracene	21.351	228	3242687	38.914	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	1134677	39.650	ng		98
83) Chrysene	21.404	228	3082280	38.702	ng		99
84) Bis(2-ethylhexyl)phtha...	21.274	149	1902938	39.241	ng		98
85) Di-n-octyl phthalate	22.204	149	3202075	38.784	ng		99
87) Indeno(1,2,3-cd)pyrene	26.315	276	3705858	39.719	ng	#	94
88) Benzo(b)fluoranthene	23.045	252	3088506	39.807	ng	#	98
89) Benzo(k)fluoranthene	23.092	252	3096483	39.417	ng	#	98
90) Benzo(a)pyrene	23.674	252	2596688	39.393	ng	#	97
91) Dibenzo(a,h)anthracene	26.333	278	3106614	39.732	ng	#	96
92) Benzo(g,h,i)perylene	27.092	276	3003852	39.367	ng	#	94

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

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