Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
Data File : BP008394.D
Acq On : 14 Dec 2021 15:09
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Quant Time: Dec 14 16:54:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 16:50:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.746	152	71215	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	272264	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	170501	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	319869	20.000	ng		0.00
76) Chrysene-d12	21.269	240	268715	20.000	ng		0.00
86) Perylene-d12	23.639	264	289679	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	362406	81.936	ng		0.00
7) Phenol-d6	6.940	99	509667	85.360	ng		0.00
23) Nitrobenzene-d5	8.910	82	529622	88.457	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	206198	94.617	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	1104772	94.118	ng		0.00
79) Terphenyl-d14	19.733	244	1291252	100.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	74950	36.322	ng		93
3) Pyridine	3.652	79	221065m	40.139	ng		
4) n-Nitrosodimethylamine	3.564	42	86446	37.631	ng	#	96
6) Aniline	7.081	93	295620	42.237	ng		95
8) 2-Chlorophenol	7.316	128	190771	42.134	ng		99
9) Benzaldehyde	6.893	77	140161	35.342	ng		97
10) Phenol	6.969	94	257137	41.908	ng		98
11) bis(2-Chloroethyl)ether	7.181	93	202879	41.368	ng		100
12) 1,3-Dichlorobenzene	7.634	146	215920	41.314	ng		98
13) 1,4-Dichlorobenzene	7.781	146	220368	41.589	ng		97
14) 1,2-Dichlorobenzene	8.099	146	214352	40.676	ng		98
15) Benzyl Alcohol	7.999	79	213060	45.038	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.281	45	289096	39.068	ng		98
17) 2-Methylphenol	8.210	107	172710	43.267	ng		97
18) Hexachloroethane	8.816	117	81391	41.311	ng		90
19) n-Nitroso-di-n-propyla...	8.563	70	181391	43.904	ng		97
20) 3+4-Methylphenols	8.546	107	238132	43.225	ng		97
22) Acetophenone	8.575	105	327054	43.917	ng		99
24) Nitrobenzene	8.952	77	248386	42.778	ng		97
25) Isophorone	9.487	82	446293	42.606	ng		99
26) 2-Nitrophenol	9.663	139	110694	44.185	ng	#	95
27) 2,4-Dimethylphenol	9.740	122	159558	42.587	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	279537	41.872	ng	#	98
29) 2,4-Dichlorophenol	10.210	162	197084	44.044	ng		98
30) 1,2,4-Trichlorobenzene	10.410	180	225550	43.428	ng		96
31) Naphthalene	10.593	128	577741	41.423	ng		100
32) Benzoic acid	9.963	122	128694	41.991	ng		99
33) 4-Chloroaniline	10.716	127	237802	41.098	ng		97
34) Hexachlorobutadiene	10.875	225	165735	46.629	ng		98
35) Caprolactam	11.534	113	37384	37.610	ng		96
36) 4-Chloro-3-methylphenol	11.863	107	219674	42.944	ng		97
37) 2-Methylnaphthalene	12.210	142	406453	41.204	ng		98
38) 1-Methylnaphthalene	12.428	142	398177	41.469	ng		98
40) 1,2,4,5-Tetrachloroben...	12.587	216	265965	48.021	ng		99
41) Hexachlorocyclopentadiene	12.557	237	62524	29.363	ng		99
43) 2,4,6-Trichlorophenol	12.840	196	173841	46.328	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	178746	44.454	ng		96
46) 1,1'-Biphenyl	13.228	154	544834	44.043	ng		97
47) 2-Chloronaphthalene	13.269	162	431231	44.141	ng		98
48) 2-Nitroaniline	13.493	65	148296	44.050	ng		94
49) Acenaphthylene	14.122	152	636790	42.252	ng		99
50) Dimethylphthalate	13.869	163	529182	41.332	ng		100
51) 2,6-Dinitrotoluene	13.992	165	110190	41.469	ng		97
52) Acenaphthene	14.463	154	380782	42.395	ng		98
53) 3-Nitroaniline	14.328	138	105713	39.257	ng		99
54) 2,4-Dinitrophenol	14.557	184	60413	38.453	ng		94
55) Dibenzofuran	14.798	168	637396	41.528	ng		98
56) 4-Nitrophenol	14.681	139	64039	31.026	ng		86
57) 2,4-Dinitrotoluene	14.792	165	146848	40.270	ng	#	83
58) Fluorene	15.457	166	491061	39.379	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.039	232	149573	41.832	ng		93
60) Diethylphthalate	15.234	149	493110	38.811	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	281842	41.205	ng		99
62) 4-Nitroaniline	15.498	138	94097	33.675	ng		89
63) Azobenzene	15.745	77	512494	39.434	ng		96
65) 4,6-Dinitro-2-methylph...	15.563	198	92562	44.242	ng		97
66) n-Nitrosodiphenylamine	15.669	169	421297	45.469	ng		100
67) 4-Bromophenyl-phenylether	16.345	248	173942	48.903	ng		99
68) Hexachlorobenzene	16.469	284	189055	49.724	ng		96
69) Atrazine	16.634	200	94962	39.490	ng		96
70) Pentachlorophenol	16.828	266	89980	39.799	ng		97
71) Phenanthrene	17.204	178	700135	41.456	ng		99
72) Anthracene	17.298	178	697850	41.637	ng		100
73) Carbazole	17.575	167	625896	38.255	ng		100
74) Di-n-butylphthalate	18.128	149	717621	35.038	ng		100
75) Fluoranthene	19.186	202	760220	33.415	ng		97
77) Benzidine	19.375	184	120858	32.788	ng		96
78) Pyrene	19.539	202	769103	39.599	ng		99
80) Butylbenzylphthalate	20.416	149	283332	37.028	ng		98
81) Benzo(a)anthracene	21.251	228	734543	41.245	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	334022	39.808	ng		99
83) Chrysene	21.304	228	690702	40.757	ng		99
84) Bis(2-ethylhexyl)phtha...	21.180	149	400105	34.439	ng	#	99
85) Di-n-octyl phthalate	22.086	149	687941	34.857	ng		99
87) Indeno(1,2,3-cd)pyrene	26.109	276	943159	44.754	ng		96
88) Benzo(b)fluoranthene	22.916	252	707311	40.503	ng		99
89) Benzo(k)fluoranthene	22.963	252	715469	41.848	ng		99
90) Benzo(a)pyrene	23.533	252	615095	41.211	ng	#	98
91) Dibenzo(a,h)anthracene	26.121	278	788727	45.064	ng	#	97
92) Benzo(g,h,i)perylene	26.862	276	782646	44.325	ng		96

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

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