Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122921\
Data File : BP008591.D
Acq On : 29 Dec 2021 09:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 13:37:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 13:29:13 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	582171	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	2409272	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	1739435	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	3892872	20.000	ng	0.00
76) Chrysene-d12	21.363	240	4012523	20.000	ng	0.00
86) Perylene-d12	23.786	264	4062162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2603277	81.620	ng	0.00
7) Phenol-d6	7.057	99	3633611	81.847	ng	0.00
23) Nitrobenzene-d5	9.057	82	3328436	82.184	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	1993078	84.690	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	9700860	84.250	ng	0.00
79) Terphenyl-d14	19.827	244	13636949	75.221	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	513864	39.881	ng	100
3) Pyridine	3.769	79	1453433	41.352	ng	100
4) n-Nitrosodimethylamine	3.681	42	466296	41.086	ng	99
6) Aniline	7.222	93	2088752	40.481	ng	100
8) 2-Chlorophenol	7.457	128	1528131	40.673	ng	99
9) Benzaldehyde	7.028	77	1038243	39.387	ng	100
10) Phenol	7.087	94	1821896	40.651	ng	99
11) bis(2-Chloroethyl)ether	7.316	93	1458486	40.349	ng	98
12) 1,3-Dichlorobenzene	7.787	146	1755520	39.918	ng	100
13) 1,4-Dichlorobenzene	7.934	146	1787242	39.954	ng	100
14) 1,2-Dichlorobenzene	8.252	146	1745259	39.936	ng	99
15) Benzyl Alcohol	8.134	79	1300174	40.887	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1623574	39.473	ng	99
17) 2-Methylphenol	8.340	107	1272370	40.797	ng	99
18) Hexachloroethane	8.987	117	590525	40.491	ng	98
19) n-Nitroso-di-n-propyla...	8.710	70	1128784	39.815	ng	100
20) 3+4-Methylphenols	8.669	107	1787818	40.803	ng	100
22) Acetophenone	8.716	105	2330830	40.345	ng	100
24) Nitrobenzene	9.099	77	1571322	40.738	ng	100
25) Isophorone	9.628	82	3085010	40.776	ng	100
26) 2-Nitrophenol	9.810	139	769988	42.030	ng	99
27) 2,4-Dimethylphenol	9.875	122	1360241	41.148	ng	98
28) bis(2-Chloroethoxy)met...	10.110	93	2107121	40.227	ng	99
29) 2,4-Dichlorophenol	10.346	162	1665743	41.634	ng	100
30) 1,2,4-Trichlorobenzene	10.563	180	1910259	40.490	ng	99
31) Naphthalene	10.751	128	5043919	40.335	ng	99
32) Benzoic acid	10.016	122	906768	43.637	ng	99
33) 4-Chloroaniline	10.851	127	2198686	41.003	ng	100
34) Hexachlorobutadiene	11.046	225	1161892	40.567	ng	99
35) Caprolactam	11.640	113	562125	42.759	ng	97
36) 4-Chloro-3-methylphenol	11.981	107	1673694	41.849	ng	99
37) 2-Methylnaphthalene	12.357	142	3815168	40.532	ng	99
38) 1-Methylnaphthalene	12.575	142	3730476	40.536	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	2234125	40.769	ng	100
41) Hexachlorocyclopentadiene	12.716	237	1203217	41.290	ng	99
43) 2,4,6-Trichlorophenol	12.963	196	1499254	42.050	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	1667144	42.349	ng	99
46) 1,1'-Biphenyl	13.369	154	5140971	39.959	ng	99
47) 2-Chloronaphthalene	13.404	162	4049749	40.164	ng	100
48) 2-Nitroaniline	13.604	65	959667	43.417	ng	98
49) Acenaphthylene	14.251	152	6301245	40.685	ng	100
50) Dimethylphthalate	13.992	163	5421923	40.470	ng	100
51) 2,6-Dinitrotoluene	14.098	165	1165311	42.389	ng	99
52) Acenaphthene	14.592	154	4120435	40.664	ng	100
53) 3-Nitroaniline	14.428	138	1229553	42.972	ng	99
54) 2,4-Dinitrophenol	14.628	184	528696	41.850	ng	99
55) Dibenzofuran	14.928	168	6563023	40.399	ng	100
56) 4-Nitrophenol	14.728	139	994706	44.148	ng	100
57) 2,4-Dinitrotoluene	14.886	165	1596808	43.532	ng	100
58) Fluorene	15.575	166	5131605	40.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1503677m	42.622	ng	
60) Diethylphthalate	15.357	149	5374019	41.036	ng	99
61) 4-Chlorophenyl-phenyle...	15.575	204	2877964	40.810	ng	100
62) 4-Nitroaniline	15.592	138	1262277	43.439	ng	99
63) Azobenzene	15.869	77	4287970	40.570	ng	99
65) 4,6-Dinitro-2-methylph...	15.651	198	847022	43.270	ng	100
66) n-Nitrosodiphenylamine	15.786	169	4716445	40.144	ng	100
67) 4-Bromophenyl-phenylether	16.469	248	1625105	38.151	ng	99
68) Hexachlorobenzene	16.586	284	2124024	40.622	ng	99
69) Atrazine	16.745	200	1815314	41.307	ng	99
70) Pentachlorophenol	16.928	266	1234247	43.338	ng	100
71) Phenanthrene	17.322	178	8503128	40.515	ng	100
72) Anthracene	17.410	178	8353074	40.846	ng	99
73) Carbazole	17.680	167	8248496	41.095	ng	100
74) Di-n-butylphthalate	18.239	149	9279637	42.258	ng	100
75) Fluoranthene	19.286	202	10269994	40.537	ng	98
77) Benzidine	19.457	184	5289329	46.041	ng	100
78) Pyrene	19.633	202	10445891	40.017	ng	100
80) Butylbenzylphthalate	20.516	149	4302343	41.322	ng	95
81) Benzo(a)anthracene	21.345	228	10457799	40.175	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	4107451	42.914	ng	100
83) Chrysene	21.398	228	9942821	40.847	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	6333839	40.271	ng	98
85) Di-n-octyl phthalate	22.215	149	10680850	43.872	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	11388850	41.739	ng	100
88) Benzo(b)fluoranthene	23.051	252	10599780	40.575	ng	99
89) Benzo(k)fluoranthene	23.098	252	10266677	39.533	ng	99
90) Benzo(a)pyrene	23.680	252	8738944	41.495	ng	100
91) Dibenzo(a,h)anthracene	26.345	278	9609546	41.747	ng	100
92) Benzo(g,h,i)perylene	27.103	276	8847593	41.106	ng	99

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

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