Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012022\
Data File : BP008867.D
Acq On : 20 Jan 2022 11:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 21 03:35:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	341593	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	1431061	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	996424	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	2164447	20.000	ng		0.00
76) Chrysene-d12	21.339	240	2172374	20.000	ng		0.00
86) Perylene-d12	23.757	264	2104578	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1786124	80.859	ng		0.00
7) Phenol-d6	7.028	99	2319962	86.731	ng		0.00
23) Nitrobenzene-d5	9.010	82	2094689	83.101	ng		0.00
42) 2,4,6-Tribromophenol	15.987	330	1310623	90.363	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	5733882	75.886	ng		0.00
79) Terphenyl-d14	19.810	244	9557855	74.265	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	342462	38.303	ng		98
3) Pyridine	3.740	79	802711	42.867	ng		96
4) n-Nitrosodimethylamine	3.652	42	372438	42.392	ng		85
6) Aniline	7.181	93	1452239	43.498	ng		99
8) 2-Chlorophenol	7.416	128	993457	42.228	ng		98
9) Benzaldehyde	6.987	77	722088	40.390	ng		97
10) Phenol	7.058	94	1184509	43.436	ng		97
11) bis(2-Chloroethyl)ether	7.275	93	920788	42.438	ng		98
12) 1,3-Dichlorobenzene	7.740	146	1121730	40.039	ng		98
13) 1,4-Dichlorobenzene	7.887	146	1144390	40.304	ng		99
14) 1,2-Dichlorobenzene	8.205	146	1104881	40.809	ng		100
15) Benzyl Alcohol	8.093	79	861646	45.916	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1036630	42.723	ng		99
17) 2-Methylphenol	8.305	107	805756	44.104	ng		97
18) Hexachloroethane	8.928	117	396474	41.140	ng		99
19) n-Nitroso-di-n-propyla...	8.663	70	731527	46.784	ng		97
20) 3+4-Methylphenols	8.634	107	1111275	45.820	ng		98
22) Acetophenone	8.675	105	1507301	41.347	ng	#	97
24) Nitrobenzene	9.052	77	1055081	41.439	ng		95
25) Isophorone	9.587	82	2023025	44.411	ng		98
26) 2-Nitrophenol	9.763	139	575137	42.967	ng		93
27) 2,4-Dimethylphenol	9.834	122	960868	42.102	ng		99
28) bis(2-Chloroethoxy)met...	10.063	93	1237899	41.644	ng		100
29) 2,4-Dichlorophenol	10.310	162	1049868	42.155	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	1145994	39.282	ng		99
31) Naphthalene	10.704	128	3108117	39.988	ng		99
32) Benzoic acid	10.022	122	650742	49.684	ng		98
33) 4-Chloroaniline	10.810	127	1369847	43.248	ng		99
34) Hexachlorobutadiene	10.993	225	712191	39.073	ng		99
35) Caprolactam	11.634	113	354211	51.592	ng		96
36) 4-Chloro-3-methylphenol	11.951	107	1031496	45.909	ng		100
37) 2-Methylnaphthalene	12.316	142	2400681	42.250	ng		98
38) 1-Methylnaphthalene	12.534	142	2221626	42.597	ng		99
40) 1,2,4,5-Tetrachloroben...	12.687	216	1382758	38.060	ng		99
41) Hexachlorocyclopentadiene	12.663	237	666961	35.878	ng		99
43) 2,4,6-Trichlorophenol	12.928	196	926241	41.234	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	1010087	41.780	ng	97
46) 1,1'-Biphenyl	13.328	154	3130780	38.619	ng	100
47) 2-Chloronaphthalene	13.369	162	2424552	38.787	ng	100
48) 2-Nitroaniline	13.569	65	632186	45.548	ng	95
49) Acenaphthylene	14.210	152	3808648	40.328	ng	99
50) Dimethylphthalate	13.957	163	3128696	42.278	ng	100
51) 2,6-Dinitrotoluene	14.069	165	692256	44.107	ng	92
52) Acenaphthene	14.557	154	2280207	40.708	ng	99
53) 3-Nitroaniline	14.398	138	708040	45.871	ng	98
54) 2,4-Dinitrophenol	14.616	184	323355	50.942	ng	94
55) Dibenzofuran	14.892	168	3718259	40.738	ng	98
56) 4-Nitrophenol	14.722	139	543067	48.858	ng	90
57) 2,4-Dinitrotoluene	14.863	165	960232	47.565	ng	91
58) Fluorene	15.545	166	3060922	42.458	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	876018m	43.988	ng	
60) Diethylphthalate	15.316	149	3092158	44.037	ng	99
61) 4-Chlorophenyl-phenyle...	15.534	204	1654687	42.134	ng	98
62) 4-Nitroaniline	15.569	138	727500	48.665	ng	90
63) Azobenzene	15.828	77	2568695	44.063	ng	94
65) 4,6-Dinitro-2-methylph...	15.634	198	486379	44.977	ng	95
66) n-Nitrosodiphenylamine	15.751	169	2709752	38.899	ng	99
67) 4-Bromophenyl-phenylether	16.434	248	1058072	39.148	ng	99
68) Hexachlorobenzene	16.557	284	1199764	38.738	ng	98
69) Atrazine	16.716	200	1105276	42.696	ng	98
70) Pentachlorophenol	16.904	266	734062	44.496	ng	99
71) Phenanthrene	17.286	178	4848756	39.788	ng	100
72) Anthracene	17.381	178	4988785	40.808	ng	99
73) Carbazole	17.651	167	4494126	42.753	ng	99
74) Di-n-butylphthalate	18.204	149	5420035	42.845	ng	99
75) Fluoranthene	19.257	202	5885087	43.426	ng	98
77) Benzidine	19.433	184	3361633	43.803	ng	98
78) Pyrene	19.610	202	5957479	39.303	ng	99
80) Butylbenzylphthalate	20.486	149	2520657	41.348	ng	96
81) Benzo(a)anthracene	21.322	228	5841352	39.969	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	2555895	40.480	ng	98
83) Chrysene	21.374	228	5629109	39.733	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	3701461	39.207	ng	99
85) Di-n-octyl phthalate	22.174	149	6479221	40.570	ng	100
87) Indeno(1,2,3-cd)pyrene	26.286	276	5943004	34.269	ng	98
88) Benzo(b)fluoranthene	23.021	252	6038954	42.967	ng	99
89) Benzo(k)fluoranthene	23.069	252	5640760	41.461	ng	99
90) Benzo(a)pyrene	23.651	252	5638934	41.566	ng	99
91) Dibenzo(a,h)anthracene	26.298	278	5051792	34.258	ng	99
92) Benzo(g,h,i)perylene	27.062	276	4692146	32.589	ng	98

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

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