Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009131.D
Acq On : 14 Feb 2022 13:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 14 13:30:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	241926	20.000	ng		-0.01
21) Naphthalene-d8	10.592	136	973428	20.000	ng		-0.01
39) Acenaphthene-d10	14.439	164	672263	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1457422	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1301987	20.000	ng		0.00
86) Perylene-d12	23.698	264	1183114	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1034782	76.298	ng		0.00
7) Phenol-d6	6.993	99	1393236	77.962	ng		0.00
23) Nitrobenzene-d5	8.963	82	1287775	74.605	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	785782	87.543	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3586740	74.689	ng		-0.01
79) Terphenyl-d14	19.763	244	5548743	76.640	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	174443	39.055	ng		97
3) Pyridine	3.699	79	514530	39.433	ng		97
4) n-Nitrosodimethylamine	3.610	42	193249	38.661	ng		89
6) Aniline	7.128	93	766397	37.783	ng		99
8) 2-Chlorophenol	7.369	128	585861	38.276	ng		98
9) Benzaldehyde	6.940	77	333327	36.823	ng		99
10) Phenol	7.016	94	693171	38.579	ng		95
11) bis(2-Chloroethyl)ether	7.222	93	550073	39.428	ng		99
12) 1,3-Dichlorobenzene	7.681	146	665564	37.598	ng		97
13) 1,4-Dichlorobenzene	7.828	146	671345	37.151	ng		99
14) 1,2-Dichlorobenzene	8.146	146	647180	36.955	ng		98
15) Benzyl Alcohol	8.046	79	498292	43.802	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	593616	37.750	ng		99
17) 2-Methylphenol	8.263	107	471822	39.170	ng		97
18) Hexachloroethane	8.869	117	229999	38.421	ng		95
19) n-Nitroso-di-n-propyla...	8.610	70	430820	42.105	ng		98
20) 3+4-Methylphenols	8.593	107	662471	40.185	ng		97
22) Acetophenone	8.622	105	859281	37.761	ng	#	96
24) Nitrobenzene	9.004	77	596256	36.541	ng		97
25) Isophorone	9.528	82	1137386	39.659	ng		97
26) 2-Nitrophenol	9.716	139	345309	40.916	ng		96
27) 2,4-Dimethylphenol	9.787	122	483770	38.336	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	752130	38.637	ng		98
29) 2,4-Dichlorophenol	10.269	162	621636	39.422	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	692199	37.334	ng		98
31) Naphthalene	10.645	128	1779403	35.840	ng		99
32) Benzoic acid	10.010	122	420752	41.668	ng		96
33) 4-Chloroaniline	10.763	127	766657	38.242	ng		97
34) Hexachlorobutadiene	10.928	225	443146	38.854	ng		99
35) Caprolactam	11.587	113	200597	43.384	ng		96
36) 4-Chloro-3-methylphenol	11.916	107	608558	40.458	ng		98
37) 2-Methylnaphthalene	12.257	142	1329133	37.831	ng		98
38) 1-Methylnaphthalene	12.481	142	1297285	37.788	ng		97
40) 1,2,4,5-Tetrachloroben...	12.634	216	785414	36.705	ng		100
41) Hexachlorocyclopentadiene	12.604	237	215819	32.703	ng		100
43) 2,4,6-Trichlorophenol	12.886	196	560503	39.500	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	595736	39.150	ng		97
46) 1,1'-Biphenyl	13.275	154	1786077	36.161	ng		98
47) 2-Chloronaphthalene	13.316	162	1417018	36.104	ng		99
48) 2-Nitroaniline	13.533	65	368985	40.573	ng		97
49) Acenaphthylene	14.163	152	2181488	36.867	ng		99
50) Dimethylphthalate	13.904	163	1866663	38.954	ng		99
51) 2,6-Dinitrotoluene	14.028	165	404586	40.482	ng		97
52) Acenaphthene	14.504	154	1316072	36.555	ng		99
53) 3-Nitroaniline	14.363	138	411593	40.264	ng		99
54) 2,4-Dinitrophenol	14.592	184	237456	43.847	ng		94
55) Dibenzofuran	14.839	168	2276552	37.532	ng		99
56) 4-Nitrophenol	14.733	139	285829	39.035	ng		92
57) 2,4-Dinitrotoluene	14.828	165	561895	43.050	ng	#	88
58) Fluorene	15.498	166	1782253	38.246	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	536346m	40.276	ng		
60) Diethylphthalate	15.269	149	1830199	40.392	ng		99
61) 4-Chlorophenyl-phenyle...	15.486	204	994739	39.288	ng		99
62) 4-Nitroaniline	15.533	138	426094m	41.456	ng		
63) Azobenzene	15.780	77	1536672	39.197	ng		95
65) 4,6-Dinitro-2-methylph...	15.604	198	367152	41.050	ng		96
66) n-Nitrosodiphenylamine	15.704	169	1628755	36.850	ng		100
67) 4-Bromophenyl-phenylether	16.386	248	647222	38.322	ng		99
68) Hexachlorobenzene	16.510	284	717830	37.944	ng		100
69) Atrazine	16.669	200	618706	42.214	ng		99
70) Pentachlorophenol	16.869	266	383986	38.548	ng		99
71) Phenanthrene	17.245	178	2909072	36.863	ng		98
72) Anthracene	17.333	178	2916348	37.773	ng		100
73) Carbazole	17.616	167	2812984	38.009	ng		99
74) Di-n-butylphthalate	18.157	149	3293129	43.916	ng		99
75) Fluoranthene	19.216	202	3500538	39.578	ng		97
77) Benzidine	19.398	184	1009739	37.114	ng		99
78) Pyrene	19.568	202	3525096	38.060	ng		98
80) Butylbenzylphthalate	20.439	149	1485695	46.651	ng		99
81) Benzo(a)anthracene	21.280	228	3191883	38.042	ng		97
82) 3,3'-Dichlorobenzidine	21.215	252	1143352	39.302	ng		98
83) Chrysene	21.339	228	2967848	36.693	ng		97
84) Bis(2-ethylhexyl)phtha...	21.204	149	1975830	46.902	ng		97
85) Di-n-octyl phthalate	22.121	149	3262164	48.409	ng		99
87) Indeno(1,2,3-cd)pyrene	26.209	276	2934151	33.378	ng		97
88) Benzo(b)fluoranthene	22.968	252	2941950	40.392	ng		99
89) Benzo(k)fluoranthene	23.009	252	2710582	37.302	ng		98
90) Benzo(a)pyrene	23.592	252	2333723	38.432	ng		98
91) Dibenzo(a,h)anthracene	26.215	278	2445590	33.853	ng		97
92) Benzo(g,h,i)perylene	26.968	276	2387016	33.186	ng		98

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

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