Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009501.D
Acq On : 23 Mar 2022 11:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 12:53:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

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03/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	297102	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1125611	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	721545	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1576471	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1661752	20.000	ng		0.00
86) Perylene-d12	23.721	264	1887842	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1445391	84.939	ng		0.00
7) Phenol-d6	6.981	99	1875848	81.513	ng		-0.01
23) Nitrobenzene-d5	8.946	82	1706891	80.583	ng		-0.01
42) 2,4,6-Tribromophenol	15.939	330	841163	70.646	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	4018394	77.205	ng		0.00
79) Terphenyl-d14	19.780	244	6919515	74.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	305537	45.331	ng		97
3) Pyridine	3.722	79	806075	44.405	ng		97
4) n-Nitrosodimethylamine	3.628	42	286045	42.786	ng		98
6) Aniline	7.122	93	1068245	40.729	ng		97
8) 2-Chlorophenol	7.363	128	778227	40.106	ng		97
9) Benzaldehyde	6.940	77	438748	39.795	ng		96
10) Phenol	7.011	94	941762	40.791	ng		99
11) bis(2-Chloroethyl)ether	7.222	93	737790	40.379	ng		98
12) 1,3-Dichlorobenzene	7.681	146	869688	39.711	ng		99
13) 1,4-Dichlorobenzene	7.828	146	889408	39.720	ng		99
14) 1,2-Dichlorobenzene	8.146	146	850932	39.317	ng		99
15) Benzyl Alcohol	8.040	79	694525m	37.853	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	843829	42.604	ng		98
17) 2-Methylphenol	8.252	107	625330	39.305	ng		98
18) Hexachloroethane	8.869	117	306495	39.057	ng		94
19) n-Nitroso-di-n-propyla...	8.605	70	566821	38.941	ng		99
20) 3+4-Methylphenols	8.581	107	870008	39.770	ng		98
22) Acetophenone	8.616	105	1114241	39.995	ng	#	98
24) Nitrobenzene	8.993	77	807083	40.335	ng		97
25) Isophorone	9.522	82	1467646	40.620	ng		98
26) 2-Nitrophenol	9.704	139	410894	39.396	ng		96
27) 2,4-Dimethylphenol	9.775	122	600131	40.777	ng		100
28) bis(2-Chloroethoxy)met...	10.004	93	960783	40.841	ng		99
29) 2,4-Dichlorophenol	10.252	162	723680	40.312	ng		99
30) 1,2,4-Trichlorobenzene	10.452	180	810129	38.951	ng		99
31) Naphthalene	10.634	128	2306800	39.786	ng		99
32) Benzoic acid	9.957	122	460776	40.045	ng		92
33) 4-Chloroaniline	10.752	127	965426	40.805	ng		99
34) Hexachlorobutadiene	10.928	225	520200	36.913	ng		99
35) Caprolactam	11.546	113	252986	41.757	ng		94
36) 4-Chloro-3-methylphenol	11.899	107	764374	39.625	ng		99
37) 2-Methylnaphthalene	12.251	142	1605971	39.477	ng		99
38) 1-Methylnaphthalene	12.475	142	1562534	39.428	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	904470	37.781	ng		99
41) Hexachlorocyclopentadiene	12.604	237	310435	34.364	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	615407	38.783	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	662750	38.461	ng	97
46) 1,1'-Biphenyl	13.269	154	2112404	39.244	ng	99
47) 2-Chloronaphthalene	13.310	162	1663551	39.254	ng	99
48) 2-Nitroaniline	13.516	65	483383	41.879	ng	100
49) Acenaphthylene	14.157	152	2607302	39.854	ng	100
50) Dimethylphthalate	13.898	163	2144911	39.231	ng	99
51) 2,6-Dinitrotoluene	14.016	165	454412	39.668	ng	98
52) Acenaphthene	14.504	154	1544315	39.517	ng	100
53) 3-Nitroaniline	14.351	138	509820	42.136	ng	93
54) 2,4-Dinitrophenol	14.569	184	240160	36.360	ng	97
55) Dibenzofuran	14.840	168	2604890	39.676	ng	100
56) 4-Nitrophenol	14.687	139	378170	41.930	ng	96
57) 2,4-Dinitrotoluene	14.810	165	635593	40.352	ng	100
58) Fluorene	15.492	166	2048796	39.678	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	608578	38.958	ng	94
60) Diethylphthalate	15.269	149	2154024	39.365	ng	100
61) 4-Chlorophenyl-phenyle...	15.487	204	1085042	38.147	ng	98
62) 4-Nitroaniline	15.516	138	537328	42.286	ng	98
63) Azobenzene	15.781	77	1997958	41.973	ng	99
65) 4,6-Dinitro-2-methylph...	15.587	198	404012	39.855	ng	93
66) n-Nitrosodiphenylamine	15.704	169	1839533	39.431	ng	99
67) 4-Bromophenyl-phenylether	16.387	248	709793	36.794	ng	95
68) Hexachlorobenzene	16.510	284	804561	36.239	ng	96
69) Atrazine	16.669	200	675457	41.180	ng	99
70) Pentachlorophenol	16.863	266	453839	38.240	ng	98
71) Phenanthrene	17.245	178	3374163	39.983	ng	100
72) Anthracene	17.334	178	3342369	40.115	ng	99
73) Carbazole	17.610	167	3375790	41.429	ng	100
74) Di-n-butylphthalate	18.169	149	3900048	40.844	ng	99
75) Fluoranthene	19.228	202	4157495	40.694	ng	98
77) Benzidine	19.410	184	1553926	38.150	ng	99
78) Pyrene	19.580	202	4289938	39.177	ng	99
80) Butylbenzylphthalate	20.463	149	1897442	40.768	ng	95
81) Benzo(a)anthracene	21.304	228	4359775	39.933	ng	100
82) 3,3'-Dichlorobenzidine	21.233	252	1667778	39.543	ng	99
83) Chrysene	21.351	228	4175614	40.391	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	2680892	41.325	ng	100
85) Di-n-octyl phthalate	22.157	149	4760166	42.569	ng	98
87) Indeno(1,2,3-cd)pyrene	26.233	276	5559239	38.814	ng	96
88) Benzo(b)fluoranthene	22.992	252	4541988	40.302	ng	99
89) Benzo(k)fluoranthene	23.039	252	4223599	38.277	ng	99
90) Benzo(a)pyrene	23.616	252	3823711	39.656	ng	99
91) Dibenzo(a,h)anthracene	26.251	278	4617396	38.682	ng	97
92) Benzo(g,h,i)perylene	27.004	276	4577054	38.977	ng	97

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

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