Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
Data File : BP009465.D
Acq On : 21 Mar 2022 09:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 14:39:35 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 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	272323	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1066698	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	688514	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1468067	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1539640	20.000	ng		0.00
86) Perylene-d12	23.716	264	1666183	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1348634	86.464	ng		0.00
7) Phenol-d6	6.987	99	1686038	79.932	ng		0.00
23) Nitrobenzene-d5	8.952	82	1582166	78.820	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	827759	72.855	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3835101	77.218	ng		0.00
79) Terphenyl-d14	19.780	244	6503099	75.812	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	298207	48.270	ng		97
3) Pyridine	3.722	79	832533	50.035	ng		99
4) n-Nitrosodimethylamine	3.634	42	285940	46.662	ng		94
6) Aniline	7.128	93	970390	40.364	ng		98
8) 2-Chlorophenol	7.369	128	697815	39.234	ng		98
9) Benzaldehyde	6.940	77	402606	39.850	ng		96
10) Phenol	7.011	94	845434	39.951	ng		98
11) bis(2-Chloroethyl)ether	7.222	93	671667	40.105	ng		98
12) 1,3-Dichlorobenzene	7.687	146	797405	39.723	ng		99
13) 1,4-Dichlorobenzene	7.834	146	806512	39.295	ng		99
14) 1,2-Dichlorobenzene	8.146	146	773263	38.979	ng		99
15) Benzyl Alcohol	8.046	79	633497m	37.668	ng		
16) 2,2'-oxybis(1-Chloropr...	8.334	45	767537	42.278	ng		96
17) 2-Methylphenol	8.252	107	576433	39.528	ng		98
18) Hexachloroethane	8.869	117	276571	38.450	ng		96
19) n-Nitroso-di-n-propyla...	8.605	70	531703	39.853	ng		96
20) 3+4-Methylphenols	8.581	107	793527	39.574	ng		98
22) Acetophenone	8.616	105	1029219	38.983	ng	#	98
24) Nitrobenzene	8.993	77	754395	39.784	ng		98
25) Isophorone	9.522	82	1368075	39.956	ng		99
26) 2-Nitrophenol	9.704	139	382347	38.684	ng		97
27) 2,4-Dimethylphenol	9.781	122	563281	40.387	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	903851	40.543	ng		99
29) 2,4-Dichlorophenol	10.252	162	675143	39.686	ng		100
30) 1,2,4-Trichlorobenzene	10.457	180	758799	38.498	ng		99
31) Naphthalene	10.640	128	2147998	39.093	ng		99
32) Benzoic acid	9.952	122	436800	40.058	ng		94
33) 4-Chloroaniline	10.757	127	898709	40.083	ng		98
34) Hexachlorobutadiene	10.934	225	495472	37.100	ng		99
35) Caprolactam	11.546	113	230257	40.104	ng		89
36) 4-Chloro-3-methylphenol	11.899	107	726583	39.746	ng		100
37) 2-Methylnaphthalene	12.257	142	1513164	39.250	ng		99
38) 1-Methylnaphthalene	12.475	142	1477481	39.341	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	861064	37.693	ng		99
41) Hexachlorocyclopentadiene	12.610	237	298638	34.584	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	586713	38.748	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	633614	38.535	ng		97
46) 1,1'-Biphenyl	13.269	154	1997133	38.882	ng		99
47) 2-Chloronaphthalene	13.310	162	1573585	38.913	ng		100
48) 2-Nitroaniline	13.516	65	443561	40.273	ng		98
49) Acenaphthylene	14.157	152	2451558	39.271	ng		100
50) Dimethylphthalate	13.904	163	1994431	38.229	ng		100
51) 2,6-Dinitrotoluene	14.016	165	428652	39.215	ng		97
52) Acenaphthene	14.504	154	1470789	39.441	ng		100
53) 3-Nitroaniline	14.351	138	463387	40.135	ng		98
54) 2,4-Dinitrophenol	14.563	184	239382	37.779	ng		94
55) Dibenzofuran	14.840	168	2441502	38.971	ng		100
56) 4-Nitrophenol	14.687	139	349036	40.556	ng		97
57) 2,4-Dinitrotoluene	14.810	165	591597	39.361	ng		93
58) Fluorene	15.492	166	1929590	39.163	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	573051	38.443	ng		94
60) Diethylphthalate	15.269	149	1982136	37.961	ng		99
61) 4-Chlorophenyl-phenyle...	15.487	204	1049653	38.673	ng		98
62) 4-Nitroaniline	15.522	138	488804	40.313	ng		98
63) Azobenzene	15.781	77	1786681	39.335	ng		98
65) 4,6-Dinitro-2-methylph...	15.581	198	377128	39.950	ng		94
66) n-Nitrosodiphenylamine	15.704	169	1688244	38.860	ng		98
67) 4-Bromophenyl-phenylether	16.387	248	655799	36.506	ng		95
68) Hexachlorobenzene	16.510	284	762526	36.882	ng		95
69) Atrazine	16.669	200	607926	39.800	ng		99
70) Pentachlorophenol	16.863	266	446270	40.379	ng		98
71) Phenanthrene	17.245	178	3015042	38.366	ng		100
72) Anthracene	17.334	178	3053042	39.349	ng		100
73) Carbazole	17.610	167	2961621	39.030	ng		100
74) Di-n-butylphthalate	18.175	149	3354578	37.726	ng		99
75) Fluoranthene	19.222	202	3864832	40.622	ng		99
77) Benzidine	19.410	184	1527216	40.468	ng		99
78) Pyrene	19.580	202	3954842	38.981	ng		100
80) Butylbenzylphthalate	20.463	149	1574167	36.504	ng		93
81) Benzo(a)anthracene	21.298	228	3986469	39.410	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	1494704	38.250	ng		97
83) Chrysene	21.351	228	3830338	39.990	ng		100
84) Bis(2-ethylhexyl)phtha...	21.233	149	2269817	37.763	ng	#	99
85) Di-n-octyl phthalate	22.157	149	3910979	37.749	ng		97
87) Indeno(1,2,3-cd)pyrene	26.221	276	4930918	39.008	ng		96
88) Benzo(b)fluoranthene	22.986	252	3977779	39.991	ng		98
89) Benzo(k)fluoranthene	23.033	252	3792945	38.947	ng		99
90) Benzo(a)pyrene	23.610	252	3449350	40.532	ng		98
91) Dibenzo(a,h)anthracene	26.239	278	4020822	38.165	ng		97
92) Benzo(g,h,i)perylene	26.986	276	4123512	39.786	ng		96

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

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