Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009092.D
Acq On : 10 Feb 2022 10:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 14:01:00 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	224263	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	827499	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	553412	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1036922	20.000	ng		0.00
76) Chrysene-d12	21.304	240	761958	20.000	ng		0.00
86) Perylene-d12	23.698	264	832859	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	959319	76.305	ng		0.00
7) Phenol-d6	6.999	99	1253461	75.665	ng		0.01
23) Nitrobenzene-d5	8.969	82	1141461	77.790	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	563387	76.246	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	3028354	76.604	ng		0.00
79) Terphenyl-d14	19.769	244	3374282	79.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	167152	40.370	ng		99
3) Pyridine	3.699	79	462305	38.221	ng		98
4) n-Nitrosodimethylamine	3.617	42	174908	37.747	ng		87
6) Aniline	7.134	93	683792	36.365	ng		98
8) 2-Chlorophenol	7.375	128	549534	38.731	ng		97
9) Benzaldehyde	6.946	77	291414	34.728	ng		98
10) Phenol	7.022	94	609700	36.606	ng		91
11) bis(2-Chloroethyl)ether	7.228	93	497672	38.481	ng		99
12) 1,3-Dichlorobenzene	7.693	146	642770	39.171	ng		99
13) 1,4-Dichlorobenzene	7.834	146	644428	38.470	ng		98
14) 1,2-Dichlorobenzene	8.152	146	628964	38.743	ng		97
15) Benzyl Alcohol	8.052	79	426456	40.440	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.334	45	517895	35.529	ng		98
17) 2-Methylphenol	8.269	107	420063	37.619	ng		94
18) Hexachloroethane	8.875	117	217754	39.241	ng		97
19) n-Nitroso-di-n-propyla...	8.616	70	371017	39.116	ng		99
20) 3+4-Methylphenols	8.599	107	595154	38.945	ng		96
22) Acetophenone	8.628	105	756019	39.082	ng	#	97
24) Nitrobenzene	9.010	77	524092	37.782	ng		97
25) Isophorone	9.534	82	923852	37.894	ng		99
26) 2-Nitrophenol	9.722	139	303353	42.284	ng		96
27) 2,4-Dimethylphenol	9.793	122	420575	39.206	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	624349	37.729	ng		98
29) 2,4-Dichlorophenol	10.269	162	543199	40.523	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	644895	40.917	ng		99
31) Naphthalene	10.652	128	1603924	38.003	ng		99
32) Benzoic acid	9.987	122	316924	37.814	ng		95
33) 4-Chloroaniline	10.769	127	649885	38.134	ng		99
34) Hexachlorobutadiene	10.934	225	410993	42.389	ng		98
35) Caprolactam	11.575	113	141269	35.941	ng		97
36) 4-Chloro-3-methylphenol	11.922	107	486518	38.048	ng		99
37) 2-Methylnaphthalene	12.263	142	1143597	38.290	ng		96
38) 1-Methylnaphthalene	12.487	142	1103107	37.799	ng		100
40) 1,2,4,5-Tetrachloroben...	12.640	216	684077	38.835	ng		100
41) Hexachlorocyclopentadiene	12.616	237	198532	35.527	ng		98
43) 2,4,6-Trichlorophenol	12.893	196	466208	39.910	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	484553	38.682	ng		97
46) 1,1'-Biphenyl	13.281	154	1530555	37.643	ng		99
47) 2-Chloronaphthalene	13.322	162	1201815	37.197	ng		99
48) 2-Nitroaniline	13.534	65	272912	36.454	ng		99
49) Acenaphthylene	14.169	152	1829666	37.562	ng		100
50) Dimethylphthalate	13.910	163	1425717	36.142	ng		99
51) 2,6-Dinitrotoluene	14.034	165	315130	38.303	ng		99
52) Acenaphthene	14.510	154	1077703	36.362	ng		98
53) 3-Nitroaniline	14.369	138	311770	37.049	ng		99
54) 2,4-Dinitrophenol	14.598	184	143272	34.617	ng		95
55) Dibenzofuran	14.845	168	1820917	36.468	ng		98
56) 4-Nitrophenol	14.734	139	182636	31.621	ng		93
57) 2,4-Dinitrotoluene	14.828	165	399210	37.155	ng	#	90
58) Fluorene	15.498	166	1394474	36.351	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	417558m	38.090	ng		
60) Diethylphthalate	15.275	149	1322867	35.465	ng		99
61) 4-Chlorophenyl-phenyle...	15.493	204	782216	37.529	ng		97
62) 4-Nitroaniline	15.534	138	306980	36.281	ng		89
63) Azobenzene	15.787	77	1107893	34.329	ng		97
65) 4,6-Dinitro-2-methylph...	15.604	198	233947	36.764	ng		95
66) n-Nitrosodiphenylamine	15.710	169	1213759	38.597	ng		97
67) 4-Bromophenyl-phenylether	16.392	248	490468	40.817	ng		98
68) Hexachlorobenzene	16.516	284	548288	40.735	ng		99
69) Atrazine	16.675	200	398208	38.188	ng		98
70) Pentachlorophenol	16.875	266	243967	34.423	ng		99
71) Phenanthrene	17.245	178	2063929	36.760	ng		98
72) Anthracene	17.339	178	2003790	36.478	ng		99
73) Carbazole	17.616	167	1874958	35.608	ng		98
74) Di-n-butylphthalate	18.163	149	1926128	36.103	ng		99
75) Fluoranthene	19.222	202	2112423	33.569	ng		96
77) Benzidine	19.404	184	620516	38.973	ng		98
78) Pyrene	19.575	202	2179022	40.201	ng		98
80) Butylbenzylphthalate	20.445	149	750530	40.269	ng		97
81) Benzo(a)anthracene	21.286	228	1886825	38.426	ng		98
82) 3,3'-Dichlorobenzidine	21.222	252	727862	42.753	ng		99
83) Chrysene	21.339	228	1797048	37.964	ng		97
84) Bis(2-ethylhexyl)phtha...	21.210	149	951203	38.583	ng		99
85) Di-n-octyl phthalate	22.127	149	1603755	40.667	ng		99
87) Indeno(1,2,3-cd)pyrene	26.210	276	2625538	42.427	ng		96
88) Benzo(b)fluoranthene	22.969	252	1845333	35.991	ng		99
89) Benzo(k)fluoranthene	23.016	252	1868595	36.529	ng		98
90) Benzo(a)pyrene	23.598	252	1623408	37.977	ng		98
91) Dibenzo(a,h)anthracene	26.221	278	2158285	42.440	ng		98
92) Benzo(g,h,i)perylene	26.980	276	2161485	42.688	ng		97

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

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