Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021622\
Data File : BG052412.D
Acq On : 16 Feb 2022 18:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Quant Time: Feb 17 00:42:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.226	152	26152	20.000	ng		0.00
21) Naphthalene-d8	11.063	136	109770	20.000	ng	#	0.00
39) Acenaphthene-d10	14.869	164	82666	20.000	ng		0.00
64) Phenanthrene-d10	17.619	188	209584	20.000	ng		0.00
76) Chrysene-d12	21.930	240	206928	20.000	ng	#	0.00
86) Perylene-d12	25.390	264	216506	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.752	112	120881	80.559	ng		0.00
7) Phenol-d6	7.368	99	178331	77.026	ng		0.00
23) Nitrobenzene-d5	9.395	82	193596	76.650	ng		0.00
42) 2,4,6-Tribromophenol	16.356	330	93630	78.838	ng		0.00
45) 2-Fluorobiphenyl	13.489	172	446127	74.989	ng		0.00
79) Terphenyl-d14	20.209	244	891668	76.092	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.585	88	27794	40.227	ng	#	89
3) Pyridine	3.996	79	80017	39.931	ng		95
4) n-Nitrosodimethylamine	3.902	42	38150	36.870	ng		82
6) Aniline	7.532	93	102323	38.041	ng		97
8) 2-Chlorophenol	7.785	128	64265	38.932	ng		95
9) Benzaldehyde	7.344	77	49461	36.495	ng		95
10) Phenol	7.397	94	90043	39.143	ng		95
11) bis(2-Chloroethyl)ether	7.620	93	66245	37.675	ng		91
12) 1,3-Dichlorobenzene	8.108	146	74655	39.694	ng		98
13) 1,4-Dichlorobenzene	8.255	146	73978	38.585	ng		96
14) 1,2-Dichlorobenzene	8.584	146	71806	37.975	ng		92
15) Benzyl Alcohol	8.455	79	73409	38.204	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.748	45	93560	36.848	ng		97
17) 2-Methylphenol	8.660	107	58523	38.554	ng		97
18) Hexachloroethane	9.324	117	26497	39.745	ng		99
19) n-Nitroso-di-n-propyla...	9.024	70	64466	36.934	ng		96
20) 3+4-Methylphenols	8.995	107	84666	38.986	ng		96
22) Acetophenone	9.048	105	110824	38.200	ng	#	95
24) Nitrobenzene	9.436	77	90055	37.588	ng		96
25) Isophorone	9.958	82	166625	38.773	ng		98
26) 2-Nitrophenol	10.158	139	41520	40.887	ng		89
27) 2,4-Dimethylphenol	10.211	122	59448	39.540	ng		90
28) bis(2-Chloroethoxy)met...	10.440	93	94899	38.911	ng		99
29) 2,4-Dichlorophenol	10.704	162	70209	38.958	ng		98
30) 1,2,4-Trichlorobenzene	10.922	180	80519	38.262	ng		98
31) Naphthalene	11.110	128	220715	38.354	ng		98
32) Benzoic acid	10.346	122	29976m	32.972	ng		
33) 4-Chloroaniline	11.210	127	95792	39.871	ng		97
34) Hexachlorobutadiene	11.398	225	54327	38.226	ng		98
35) Caprolactam	11.973	113	26218	39.920	ng		92
36) 4-Chloro-3-methylphenol	12.326	107	82689	40.331	ng		95
37) 2-Methylnaphthalene	12.708	142	166303	38.908	ng		97
38) 1-Methylnaphthalene	12.925	142	160482	38.748	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.072	216	100854	37.092	ng		99
41) Hexachlorocyclopentadiene	13.054	237	40359	34.049	ng		94
43) 2,4,6-Trichlorophenol	13.307	196	67156	37.765	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.383	196	71859	37.289	ng		96
46) 1,1'-Biphenyl	13.700	154	228033	37.618	ng		98
47) 2-Chloronaphthalene	13.747	162	175686	37.619	ng		98
48) 2-Nitroaniline	13.941	65	62761	37.747	ng		95
49) Acenaphthylene	14.593	152	290275	38.183	ng		99
50) Dimethylphthalate	14.306	163	242164	38.240	ng		100
51) 2,6-Dinitrotoluene	14.429	165	53308	39.009	ng		88
52) Acenaphthene	14.928	154	178393	35.830	ng		96
53) 3-Nitroaniline	14.764	138	56596	39.844	ng		100
54) 2,4-Dinitrophenol	14.969	184	27546	35.458	ng		97
55) Dibenzofuran	15.263	168	297997	38.059	ng		100
56) 4-Nitrophenol	15.069	139	41817	39.202	ng		90
57) 2,4-Dinitrotoluene	15.216	165	76660	39.414	ng		91
58) Fluorene	15.915	166	244161	39.062	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.492	232	71602	38.894	ng	#	97
60) Diethylphthalate	15.663	149	248834	38.898	ng		98
61) 4-Chlorophenyl-phenyle...	15.897	204	135680	38.106	ng		98
62) 4-Nitroaniline	15.927	138	62415	41.739	ng	#	85
63) Azobenzene	16.191	77	250176	38.202	ng		96
65) 4,6-Dinitro-2-methylph...	15.986	198	50230	39.840	ng		93
66) n-Nitrosodiphenylamine	16.109	169	213409	36.957	ng		98
67) 4-Bromophenyl-phenylether	16.790	248	95232	37.364	ng		96
68) Hexachlorobenzene	16.926	284	101369	36.669	ng		94
69) Atrazine	17.049	200	90332	38.693	ng		95
70) Pentachlorophenol	17.266	266	47968	35.469	ng		96
71) Phenanthrene	17.660	178	407902	37.754	ng		99
72) Anthracene	17.748	178	403537	38.115	ng		100
73) Carbazole	18.018	167	400538	38.789	ng		99
74) Di-n-butylphthalate	18.559	149	442471	39.329	ng		98
75) Fluoranthene	19.663	202	528687	38.429	ng		99
77) Benzidine	19.827	184	166413	37.636	ng		98
78) Pyrene	20.021	202	527437	38.092	ng		99
80) Butylbenzylphthalate	20.891	149	197870	41.140	ng		94
81) Benzo(a)anthracene	21.907	228	533379	38.952	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	185612	38.828	ng		98
83) Chrysene	21.983	228	495328	38.173	ng		98
84) Bis(2-ethylhexyl)phtha...	21.784	149	269909	40.471	ng		100
85) Di-n-octyl phthalate	23.076	149	463073	41.414	ng		95
87) Indeno(1,2,3-cd)pyrene	29.397	276	617225	38.958	ng	#	98
88) Benzo(b)fluoranthene	24.292	252	520977	38.615	ng		97
89) Benzo(k)fluoranthene	24.362	252	524281	39.337	ng		99
90) Benzo(a)pyrene	25.226	252	438622	38.486	ng		99
91) Dibenzo(a,h)anthracene	29.456	278	506491	38.699	ng		96
92) Benzo(g,h,i)perylene	30.636	276	496192	38.631	ng		98

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

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