Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052529.D
Acq On : 1 Mar 2022 21:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022

Quant Time: Mar 02 01:53:02 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	8.223	152	34778	20.000	ng		0.00
21) Naphthalene-d8	11.060	136	135320	20.000	ng	#	0.00
39) Acenaphthene-d10	14.867	164	92652	20.000	ng		0.00
64) Phenanthrene-d10	17.616	188	220701	20.000	ng		0.00
76) Chrysene-d12	21.934	240	214302	20.000	ng	#	0.00
86) Perylene-d12	25.400	264	228656	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	166129	83.254	ng		0.00
7) Phenol-d6	7.371	99	236258	76.735	ng		0.00
23) Nitrobenzene-d5	9.398	82	239151	76.809	ng		0.00
42) 2,4,6-Tribromophenol	16.353	330	109709	82.420	ng		0.00
45) 2-Fluorobiphenyl	13.486	172	539310	80.882	ng		0.00
79) Terphenyl-d14	20.212	244	940784	77.521	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	36793	40.043	ng	#	90
3) Pyridine	3.999	79	102636	38.515	ng	#	92
4) n-Nitrosodimethylamine	3.905	42	49741	36.149	ng	#	73
6) Aniline	7.535	93	134947	37.726	ng		97
8) 2-Chlorophenol	7.782	128	85755	39.066	ng		95
9) Benzaldehyde	7.342	77	67445	37.794	ng		94
10) Phenol	7.394	94	115661	37.808	ng		95
11) bis(2-Chloroethyl)ether	7.624	93	85742	36.669	ng		93
12) 1,3-Dichlorobenzene	8.111	146	100748	40.281	ng		96
13) 1,4-Dichlorobenzene	8.258	146	101666	39.874	ng		99
14) 1,2-Dichlorobenzene	8.581	146	96576	38.406	ng		93
15) Benzyl Alcohol	8.458	79	92520	36.207	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.751	45	120886	35.802	ng		96
17) 2-Methylphenol	8.663	107	76402	37.848	ng		92
18) Hexachloroethane	9.321	117	34653	39.087	ng		95
19) n-Nitroso-di-n-propyla...	9.028	70	81276	35.016	ng	#	87
20) 3+4-Methylphenols	8.992	107	106136	36.750	ng		94
22) Acetophenone	9.045	105	137450	38.432	ng		93
24) Nitrobenzene	9.439	77	114496	38.767	ng		92
25) Isophorone	9.962	82	200129	37.776	ng		98
26) 2-Nitrophenol	10.155	139	51961	41.508	ng		92
27) 2,4-Dimethylphenol	10.214	122	74315	40.095	ng		92
28) bis(2-Chloroethoxy)met...	10.443	93	117404	39.049	ng		99
29) 2,4-Dichlorophenol	10.702	162	88761	39.953	ng		95
30) 1,2,4-Trichlorobenzene	10.919	180	104782	40.391	ng		97
31) Naphthalene	11.107	128	280214	39.500	ng		96
32) Benzoic acid	10.361	122	43000	37.390	ng		96
33) 4-Chloroaniline	11.213	127	119428	40.323	ng		95
34) Hexachlorobutadiene	11.395	225	69164	39.477	ng		99
35) Caprolactam	11.982	113	30005	37.061	ng	#	79
36) 4-Chloro-3-methylphenol	12.329	107	96383	38.134	ng		99
37) 2-Methylnaphthalene	12.705	142	204878	38.883	ng		97
38) 1-Methylnaphthalene	12.922	142	197851	38.751	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.069	216	123627	40.567	ng		98
41) Hexachlorocyclopentadiene	13.052	237	50481	37.388	ng		98
43) 2,4,6-Trichlorophenol	13.304	196	83130	41.709	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.386	196	88000	40.743	ng		94
46) 1,1'-Biphenyl	13.698	154	272955	40.176	ng		99
47) 2-Chloronaphthalene	13.751	162	209627	40.049	ng		98
48) 2-Nitroaniline	13.944	65	72426	38.865	ng		92
49) Acenaphthylene	14.591	152	338093	39.679	ng		99
50) Dimethylphthalate	14.309	163	279128	39.327	ng		99
51) 2,6-Dinitrotoluene	14.432	165	61113	39.901	ng	#	87
52) Acenaphthene	14.931	154	225960m	40.493	ng		
53) 3-Nitroaniline	14.767	138	64210	40.333	ng		95
54) 2,4-Dinitrophenol	14.972	184	34082	38.633	ng		97
55) Dibenzofuran	15.260	168	344194	39.221	ng		99
56) 4-Nitrophenol	15.072	139	48512	40.576	ng		85
57) 2,4-Dinitrotoluene	15.219	165	87544	40.159	ng	#	86
58) Fluorene	15.912	166	277517	39.613	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.489	232	82081	39.781	ng		97
60) Diethylphthalate	15.660	149	280745	39.156	ng		99
61) 4-Chlorophenyl-phenyle...	15.895	204	153937	38.574	ng		96
62) 4-Nitroaniline	15.924	138	68761	41.027	ng	#	85
63) Azobenzene	16.188	77	276840	37.717	ng		93
65) 4,6-Dinitro-2-methylph...	15.989	198	57895	43.607	ng		86
66) n-Nitrosodiphenylamine	16.106	169	242716	39.915	ng		97
67) 4-Bromophenyl-phenylether	16.788	248	105620	39.352	ng		94
68) Hexachlorobenzene	16.923	284	114196	39.229	ng		96
69) Atrazine	17.052	200	94089	38.272	ng		95
70) Pentachlorophenol	17.269	266	60292	42.336	ng		96
71) Phenanthrene	17.657	178	450952	39.636	ng		96
72) Anthracene	17.751	178	444717	39.888	ng		99
73) Carbazole	18.015	167	440781	40.536	ng		98
74) Di-n-butylphthalate	18.556	149	478925	40.424	ng		98
75) Fluoranthene	19.660	202	572315	39.505	ng		98
77) Benzidine	19.831	184	184049	40.193	ng		99
78) Pyrene	20.024	202	567623	39.584	ng		99
80) Butylbenzylphthalate	20.888	149	210376	42.235	ng		95
81) Benzo(a)anthracene	21.916	228	566258	39.930	ng		100
82) 3,3'-Dichlorobenzidine	21.810	252	204826	41.373	ng		99
83) Chrysene	21.986	228	527014	39.217	ng		99
84) Bis(2-ethylhexyl)phtha...	21.787	149	296024	42.860	ng		98
85) Di-n-octyl phthalate	23.079	149	502014	43.352	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.412	276	663795	39.671	ng	#	98
88) Benzo(b)fluoranthene	24.295	252	562151	39.452	ng		99
89) Benzo(k)fluoranthene	24.366	252	551373	39.171	ng		98
90) Benzo(a)pyrene	25.241	252	477538	39.674	ng		99
91) Dibenzo(a,h)anthracene	29.470	278	541565	39.180	ng		95
92) Benzo(g,h,i)perylene	30.651	276	537543	39.626	ng		97

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

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