Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053236.D
Acq On : 21 Apr 2022 11:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

Quant Time: Apr 22 02:55:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	29447	20.000	ng		0.00
21) Naphthalene-d8	10.924	136	123558	20.000	ng		#-0.01
39) Acenaphthene-d10	14.737	164	98196	20.000	ng		-0.01
64) Phenanthrene-d10	17.480	188	230466	20.000	ng		-0.01
76) Chrysene-d12	21.769	240	218592	20.000	ng		0.00
86) Perylene-d12	25.064	264	220942	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	144419	84.070	ng		-0.01
7) Phenol-d6	7.270	99	228253	86.163	ng		-0.01
23) Nitrobenzene-d5	9.274	82	249046	81.841	ng		-0.01
42) 2,4,6-Tribromophenol	16.223	330	130692	83.656	ng		-0.01
45) 2-Fluorobiphenyl	13.362	172	582057	81.735	ng		0.00
79) Terphenyl-d14	20.083	244	1042434	80.541	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.558	88	31516	38.417	ng	#	94
3) Pyridine	3.957	79	93558	43.240	ng		94
4) n-Nitrosodimethylamine	3.869	42	45306	42.284	ng		100
6) Aniline	7.435	93	133802	43.582	ng		96
8) 2-Chlorophenol	7.682	128	79387	42.806	ng		96
9) Benzaldehyde	7.241	77	65242	41.201	ng		95
10) Phenol	7.300	94	114453	43.404	ng		92
11) bis(2-Chloroethyl)ether	7.523	93	83572	43.966	ng		93
12) 1,3-Dichlorobenzene	8.005	146	92358	42.857	ng		95
13) 1,4-Dichlorobenzene	8.146	146	90875m	41.363	ng		
14) 1,2-Dichlorobenzene	8.469	146	88971	41.995	ng		99
15) Benzyl Alcohol	8.345	79	103078	43.776	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.639	45	134602	42.415	ng		98
17) 2-Methylphenol	8.551	107	77748	43.571	ng		93
18) Hexachloroethane	9.203	117	34608	42.006	ng		94
19) n-Nitroso-di-n-propyla...	8.915	70	86733	44.721	ng	#	95
20) 3+4-Methylphenols	8.880	107	111897	44.422	ng		95
22) Acetophenone	8.933	105	146729	42.805	ng		96
24) Nitrobenzene	9.321	77	121696	41.115	ng		94
25) Isophorone	9.838	82	221852	42.893	ng		98
26) 2-Nitrophenol	10.031	139	51722	41.789	ng	#	91
27) 2,4-Dimethylphenol	10.090	122	77132	43.513	ng		97
28) bis(2-Chloroethoxy)met...	10.319	93	122464	42.145	ng		98
29) 2,4-Dichlorophenol	10.572	162	94433	42.377	ng		98
30) 1,2,4-Trichlorobenzene	10.789	180	103919	41.203	ng		94
31) Naphthalene	10.977	128	277623	42.115	ng		100
32) Benzoic acid	10.243	122	51105	44.579	ng	#	79
33) 4-Chloroaniline	11.077	127	120888	42.823	ng		97
34) Hexachlorobutadiene	11.259	225	76590	40.881	ng		99
35) Caprolactam	11.853	113	33432	42.562	ng	#	75
36) 4-Chloro-3-methylphenol	12.199	107	111514	42.984	ng		93
37) 2-Methylnaphthalene	12.575	142	209853	43.022	ng		98
38) 1-Methylnaphthalene	12.792	142	205872	43.239	ng		96
40) 1,2,4,5-Tetrachloroben...	12.939	216	134917	40.454	ng		98
41) Hexachlorocyclopentadiene	12.922	237	69086	40.128	ng		94
43) 2,4,6-Trichlorophenol	13.174	196	93492	40.659	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	98678	40.272	ng		98
46) 1,1'-Biphenyl	13.574	154	285231	40.335	ng		99
47) 2-Chloronaphthalene	13.615	162	227332	40.295	ng		96
48) 2-Nitroaniline	13.815	65	86807	40.544	ng		94
49) Acenaphthylene	14.461	152	365989	41.441	ng		99
50) Dimethylphthalate	14.185	163	321374	40.918	ng		100
51) 2,6-Dinitrotoluene	14.302	165	66928	40.847	ng		86
52) Acenaphthene	14.801	154	246927m	41.229	ng		
53) 3-Nitroaniline	14.637	138	70990	40.974	ng		96
54) 2,4-Dinitrophenol	14.843	184	43417	41.645	ng		92
55) Dibenzofuran	15.136	168	385788	41.137	ng		98
56) 4-Nitrophenol	14.948	139	53404	40.415	ng	#	79
57) 2,4-Dinitrotoluene	15.089	165	94582	40.546	ng	#	88
58) Fluorene	15.783	166	307230	40.562	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.360	232	96117	40.392	ng		98
60) Diethylphthalate	15.542	149	328370	39.903	ng		100
61) 4-Chlorophenyl-phenyle...	15.771	204	176624	41.136	ng		97
62) 4-Nitroaniline	15.800	138	76155	41.655	ng	#	85
63) Azobenzene	16.064	77	335960	40.493	ng		98
65) 4,6-Dinitro-2-methylph...	15.859	198	68497	42.600	ng		98
66) n-Nitrosodiphenylamine	15.982	169	276756	41.759	ng		99
67) 4-Bromophenyl-phenylether	16.664	248	122021	41.320	ng		94
68) Hexachlorobenzene	16.793	284	132871	41.547	ng		94
69) Atrazine	16.928	200	100533	38.834	ng		99
70) Pentachlorophenol	17.139	266	75033	42.930	ng		93
71) Phenanthrene	17.527	178	516309	41.014	ng		97
72) Anthracene	17.615	178	510146	40.906	ng		100
73) Carbazole	17.880	167	497653	41.051	ng		100
74) Di-n-butylphthalate	18.432	149	556884	40.503	ng		99
75) Fluoranthene	19.530	202	647030	40.098	ng		99
77) Benzidine	19.701	184	248712	39.878	ng		98
78) Pyrene	19.895	202	643175	41.314	ng		99
80) Butylbenzylphthalate	20.764	149	236427	40.735	ng		96
81) Benzo(a)anthracene	21.751	228	601200	40.226	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	222001	40.389	ng		99
83) Chrysene	21.816	228	562017	40.518	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	317392	40.456	ng		99
85) Di-n-octyl phthalate	22.873	149	530833	40.457	ng		96
87) Indeno(1,2,3-cd)pyrene	28.853	276	685375	41.754	ng		99
88) Benzo(b)fluoranthene	24.018	252	581088	41.684	ng		99
89) Benzo(k)fluoranthene	24.089	252	565987	41.311	ng		99
90) Benzo(a)pyrene	24.911	252	491039	41.348	ng		98
91) Dibenzo(a,h)anthracene	28.912	278	555973	41.152	ng		97
92) Benzo(g,h,i)perylene	30.028	276	555269	41.699	ng		98

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

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