Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054800.D
Acq On : 31 Aug 2022 10:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 01 04:57:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	45649	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	181098	20.000	ng		0.00
39) Acenaphthene-d10	14.786	164	118643	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	267231	20.000	ng		0.00
76) Chrysene-d12	21.825	240	251398	20.000	ng		0.00
86) Perylene-d12	25.191	264	268550	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	201224	76.760	ng		0.00
7) Phenol-d6	7.301	99	278651	77.726	ng		0.00
23) Nitrobenzene-d5	9.322	82	260010	75.371	ng		0.00
42) 2,4,6-Tribromophenol	16.272	330	122488	82.621	ng		0.00
45) 2-Fluorobiphenyl	13.411	172	620844	78.651	ng		0.00
79) Terphenyl-d14	20.127	244	986413	77.744	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	45325	36.209	ng		97
3) Pyridine	3.946	79	130688	37.431	ng		99
4) n-Nitrosodimethylamine	3.858	42	54514	36.119	ng		97
6) Aniline	7.471	93	162423	38.132	ng		99
8) 2-Chlorophenol	7.712	128	110317	38.517	ng		99
9) Benzaldehyde	7.283	77	83369	35.481	ng		97
10) Phenol	7.324	94	143438	38.905	ng		99
11) bis(2-Chloroethyl)ether	7.565	93	110886	37.396	ng		97
12) 1,3-Dichlorobenzene	8.035	146	127358	38.425	ng		98
13) 1,4-Dichlorobenzene	8.188	146	129335	38.686	ng		99
14) 1,2-Dichlorobenzene	8.505	146	123221	38.870	ng		98
15) Benzyl Alcohol	8.388	79	101214	39.079	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.675	45	167665	36.137	ng		99
17) 2-Methylphenol	8.587	107	100236	39.488	ng		98
18) Hexachloroethane	9.240	117	44433	36.652	ng		98
19) n-Nitroso-di-n-propyla...	8.958	70	91806	37.239	ng		98
20) 3+4-Methylphenols	8.916	107	140342	39.870	ng		96
22) Acetophenone	8.975	105	174402	38.493	ng	#	99
24) Nitrobenzene	9.369	77	131999	37.962	ng		97
25) Isophorone	9.886	82	243485	37.854	ng		99
26) 2-Nitrophenol	10.080	139	60645	39.484	ng		95
27) 2,4-Dimethylphenol	10.127	122	94649	38.894	ng		97
28) bis(2-Chloroethoxy)met...	10.368	93	135301	36.914	ng		99
29) 2,4-Dichlorophenol	10.614	162	111828	40.401	ng		99
30) 1,2,4-Trichlorobenzene	10.832	180	124808	39.457	ng		97
31) Naphthalene	11.026	128	376234	38.722	ng		99
32) Benzoic acid	10.274	122	41911	28.005	ng		98
33) 4-Chloroaniline	11.131	127	152220	38.428	ng		98
34) Hexachlorobutadiene	11.302	225	82958	40.933	ng		98
35) Caprolactam	11.907	113	37702	38.608	ng		93
36) 4-Chloro-3-methylphenol	12.242	107	117344	38.768	ng		96
37) 2-Methylnaphthalene	12.624	142	263962	38.761	ng		99
38) 1-Methylnaphthalene	12.841	142	256160	38.662	ng		99
40) 1,2,4,5-Tetrachloroben...	12.982	216	145643	40.723	ng		99
41) Hexachlorocyclopentadiene	12.959	237	63644	33.555	ng		97
43) 2,4,6-Trichlorophenol	13.223	196	93859	39.539	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	102125	38.308	ng	98
46) 1,1'-Biphenyl	13.617	154	339633	38.549	ng	98
47) 2-Chloronaphthalene	13.670	162	257752	38.521	ng	100
48) 2-Nitroaniline	13.869	65	80230	38.260	ng	93
49) Acenaphthylene	14.510	152	428014	38.764	ng	99
50) Dimethylphthalate	14.234	163	347028	37.967	ng	99
51) 2,6-Dinitrotoluene	14.351	165	71682	38.342	ng	93
52) Acenaphthene	14.851	154	269142m	37.947	ng	
53) 3-Nitroaniline	14.686	138	80257	38.348	ng	96
54) 2,4-Dinitrophenol	14.892	184	28768	31.682	ng	97
55) Dibenzofuran	15.180	168	403936	38.758	ng	99
56) 4-Nitrophenol	14.986	139	58284	35.987	ng	95
57) 2,4-Dinitrotoluene	15.139	165	100878	39.010	ng	88
58) Fluorene	15.826	166	337886	38.484	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	91807	38.202	ng	100
60) Diethylphthalate	15.585	149	341674	37.435	ng	99
61) 4-Chlorophenyl-phenyle...	15.814	204	172187	39.755	ng	99
62) 4-Nitroaniline	15.849	138	82298	38.515	ng	96
63) Azobenzene	16.108	77	314001	36.200	ng	97
65) 4,6-Dinitro-2-methylph...	15.902	198	49199	36.168	ng	93
66) n-Nitrosodiphenylamine	16.032	169	296940	38.531	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	119454	40.714	ng	97
68) Hexachlorobenzene	16.831	284	133507	40.478	ng	96
69) Atrazine	16.972	200	104812	38.551	ng	98
70) Pentachlorophenol	17.177	266	63488	35.427	ng	98
71) Phenanthrene	17.571	178	547266	38.444	ng	99
72) Anthracene	17.665	178	530248	38.312	ng	99
73) Carbazole	17.935	167	483102	37.885	ng	100
74) Di-n-butylphthalate	18.476	149	603725	37.415	ng	99
75) Fluoranthene	19.574	202	667089	38.521	ng	99
77) Benzidine	19.757	184	246688	39.617	ng	100
78) Pyrene	19.939	202	673085	38.397	ng	99
80) Butylbenzylphthalate	20.814	149	268740	36.753	ng	94
81) Benzo(a)anthracene	21.801	228	656543	38.517	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	238997	39.991	ng	99
83) Chrysene	21.872	228	627996	38.532	ng	100
84) Bis(2-ethylhexyl)phtha...	21.690	149	385481	36.592	ng	99
85) Di-n-octyl phthalate	22.947	149	653857	36.599	ng	96
87) Indeno(1,2,3-cd)pyrene	29.075	276	797257	39.105	ng	99
88) Benzo(b)fluoranthene	24.116	252	645984	38.346	ng	99
89) Benzo(k)fluoranthene	24.187	252	663223	39.118	ng	99
90) Benzo(a)pyrene	25.033	252	560925	38.972	ng	98
91) Dibenzo(a,h)anthracene	29.146	278	657121	39.563	ng	98
92) Benzo(g,h,i)perylene	30.291	276	650355	38.759	ng	96

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

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