Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057605.D
Acq On : 30 May 2023 13:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 31 03:27:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 31 03:25:39 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/31/2023
Supervised By :Yogesh Patel
06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	19524	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	76468	20.000	ng	0.00
39) Acenaphthene-d10	14.958	164	58294	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	159951	20.000	ng	0.00
76) Chrysene-d12	22.002	240	152059	20.000	ng	0.00
86) Perylene-d12	25.491	264	167777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	94578	84.158	ng	0.00
7) Phenol-d6	7.486	99	146294	83.181	ng	0.00
23) Nitrobenzene-d5	9.525	82	137505	84.059	ng	0.00
42) 2,4,6-Tribromophenol	16.445	330	74294	79.603	ng	0.00
45) 2-Fluorobiphenyl	13.584	172	332536	81.980	ng	0.00
79) Terphenyl-d14	20.269	244	700950	79.851	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.650	88	19308	41.467	ng	98
3) Pyridine	4.079	79	61472	43.184	ng	95
4) n-Nitrosodimethylamine	3.991	42	23661	41.081	ng	85
6) Aniline	7.656	93	87113	40.943	ng	98
8) 2-Chlorophenol	7.903	128	48645	40.319	ng	93
9) Benzaldehyde	7.468	77	45390	38.953	ng	95
10) Phenol	7.515	94	66886	40.181	ng	98
11) bis(2-Chloroethyl)ether	7.745	93	51935	41.783	ng	92
12) 1,3-Dichlorobenzene	8.226	146	52458	40.812	ng	99
13) 1,4-Dichlorobenzene	8.379	146	54206	41.452	ng	98
14) 1,2-Dichlorobenzene	8.702	146	51579	40.438	ng	96
15) Benzyl Alcohol	8.579	79	52684	38.941	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.861	45	62113	40.244	ng	94
17) 2-Methylphenol	8.784	107	49714	40.668	ng	97
18) Hexachloroethane	9.436	117	18819	42.029	ng	98
19) n-Nitroso-di-n-propyla...	9.143	70	48835	39.967	ng	96
20) 3+4-Methylphenols	9.113	107	68981	40.198	ng	99
22) Acetophenone	9.172	105	84667	41.407	ng	98
24) Nitrobenzene	9.566	77	69911	42.103	ng	100
25) Isophorone	10.083	82	130957	40.730	ng	98
26) 2-Nitrophenol	10.282	139	30168	42.374	ng	95
27) 2,4-Dimethylphenol	10.329	122	52144m	42.362	ng	
28) bis(2-Chloroethoxy)met...	10.558	93	70614	42.354	ng	98
29) 2,4-Dichlorophenol	10.829	162	53327	41.249	ng	98
30) 1,2,4-Trichlorobenzene	11.040	180	58642	41.620	ng	96
31) Naphthalene	11.228	128	168534	41.664	ng	98
32) Benzoic acid	10.470	122	23482	34.833	ng	92
33) 4-Chloroaniline	11.334	127	77109	41.452	ng	96
34) Hexachlorobutadiene	11.498	225	39921	40.964	ng	95
35) Caprolactam	12.109	113	20518	38.285	ng	97
36) 4-Chloro-3-methylphenol	12.438	107	61564	40.231	ng	97
37) 2-Methylnaphthalene	12.808	142	131038	41.274	ng	99
38) 1-Methylnaphthalene	13.026	142	121442	40.084	ng	97
40) 1,2,4,5-Tetrachloroben...	13.173	216	80023	41.823	ng	100
41) Hexachlorocyclopentadiene	13.143	237	13569	42.234	ng	95
43) 2,4,6-Trichlorophenol	13.408	196	49325	40.948	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.496	196	56344	39.273	ng		98
46) 1,1'-Biphenyl	13.795	154	171429	41.146	ng		98
47) 2-Chloronaphthalene	13.848	162	130005	41.427	ng		97
48) 2-Nitroaniline	14.048	65	43908	39.943	ng		99
49) Acenaphthylene	14.688	152	217071	40.848	ng		99
50) Dimethylphthalate	14.394	163	190044	39.555	ng		100
51) 2,6-Dinitrotoluene	14.530	165	42419	41.245	ng		99
52) Acenaphthene	15.023	154	133282	40.989	ng		97
53) 3-Nitroaniline	14.864	138	43325	40.388	ng	#	92
54) 2,4-Dinitrophenol	15.088	184	20063	36.775	ng		97
55) Dibenzofuran	15.352	168	224806	40.461	ng		98
56) 4-Nitrophenol	15.182	139	29618	41.439	ng		96
57) 2,4-Dinitrotoluene	15.323	165	63498	41.235	ng		99
58) Fluorene	15.998	166	188568	40.196	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.581	232	53758m	39.997	ng		
60) Diethylphthalate	15.740	149	201503	40.182	ng		98
61) 4-Chlorophenyl-phenyle...	15.975	204	106514	40.740	ng		100
62) 4-Nitroaniline	16.028	138	48275	41.719	ng		93
63) Azobenzene	16.268	77	182356	40.890	ng		99
65) 4,6-Dinitro-2-methylph...	16.086	198	39656	40.718	ng		95
66) n-Nitrosodiphenylamine	16.192	169	170369	40.980	ng		98
67) 4-Bromophenyl-phenylether	16.873	248	71515	39.858	ng		98
68) Hexachlorobenzene	17.009	284	74727	40.404	ng		95
69) Atrazine	17.126	200	72114	40.402	ng		100
70) Pentachlorophenol	17.355	266	37463	39.754	ng		96
71) Phenanthrene	17.743	178	332306	40.598	ng		99
72) Anthracene	17.831	178	338986	40.370	ng		99
73) Carbazole	18.101	167	304175	40.493	ng		99
74) Di-n-butylphthalate	18.612	149	370783	41.579	ng		99
75) Fluoranthene	19.728	202	431128	40.572	ng		99
77) Benzidine	19.899	184	180923	39.320	ng		98
78) Pyrene	20.093	202	438957	40.543	ng		100
80) Butylbenzylphthalate	20.939	149	160570	40.722	ng		98
81) Benzo(a)anthracene	21.978	228	435632	41.295	ng		99
82) 3,3'-Dichlorobenzidine	21.878	252	158589	40.766	ng		99
83) Chrysene	22.055	228	401846	40.309	ng		99
84) Bis(2-ethylhexyl)phtha...	21.820	149	230216	40.930	ng		99
85) Di-n-octyl phthalate	23.106	149	390379	41.872	ng		99
87) Indeno(1,2,3-cd)pyrene	29.521	276	472231	40.370	ng		99
88) Benzo(b)fluoranthene	24.375	252	411296	39.827	ng		98
89) Benzo(k)fluoranthene	24.446	252	422746	40.561	ng		100
90) Benzo(a)pyrene	25.327	252	402613	39.977	ng		99
91) Dibenzo(a,h)anthracene	29.580	278	394711	40.545	ng		99
92) Benzo(g,h,i)perylene	30.802	276	383982	40.443	ng		98

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

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