Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
Data File : BG056948.D
Acq On : 31 Mar 2023 18:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 01 02:37:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.414	152	15389	20.000	ng		0.00
21) Naphthalene-d8	11.257	136	66766	20.000	ng	#	0.00
39) Acenaphthene-d10	15.028	164	50720	20.000	ng		0.00
64) Phenanthrene-d10	17.772	188	127857	20.000	ng		0.00
76) Chrysene-d12	22.095	240	117870	20.000	ng	#	0.00
86) Perylene-d12	25.637	264	131120	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	80013	83.213	ng		0.00
7) Phenol-d6	7.538	99	123078	85.583	ng		0.00
23) Nitrobenzene-d5	9.594	82	127828	78.339	ng		0.00
42) 2,4,6-Tribromophenol	16.509	330	68549	84.600	ng		0.00
45) 2-Fluorobiphenyl	13.654	172	308870	82.577	ng		0.00
79) Terphenyl-d14	20.339	244	561872	80.663	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.726	88	18100	42.941	ng		99
3) Pyridine	4.149	79	58142	42.826	ng		97
4) n-Nitrosodimethylamine	4.055	42	27323	43.774	ng		99
6) Aniline	7.726	93	79042	42.993	ng		98
8) 2-Chlorophenol	7.973	128	39723	41.475	ng		93
9) Benzaldehyde	7.538	77	39249	43.513	ng		94
10) Phenol	7.568	94	61144	42.909	ng		98
11) bis(2-Chloroethyl)ether	7.815	93	42555	41.924	ng		96
12) 1,3-Dichlorobenzene	8.308	146	44395	41.951	ng		95
13) 1,4-Dichlorobenzene	8.449	146	44807	41.951	ng		99
14) 1,2-Dichlorobenzene	8.778	146	43058	41.727	ng		94
15) Benzyl Alcohol	8.643	79	51295	42.926	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.937	45	50667	41.418	ng		94
17) 2-Methylphenol	8.843	107	43717	43.002	ng		92
18) Hexachloroethane	9.518	117	16529	42.340	ng		89
19) n-Nitroso-di-n-propyla...	9.219	70	43443	42.234	ng		99
20) 3+4-Methylphenols	9.172	107	62511	43.972	ng		99
22) Acetophenone	9.242	105	77852	39.187	ng	#	97
24) Nitrobenzene	9.636	77	66572	39.905	ng		98
25) Isophorone	10.153	82	120350	38.732	ng		99
26) 2-Nitrophenol	10.352	139	25532	39.651	ng		94
27) 2,4-Dimethylphenol	10.393	122	44095	38.785	ng		96
28) bis(2-Chloroethoxy)met...	10.628	93	59638	38.338	ng		96
29) 2,4-Dichlorophenol	10.893	162	46835	38.305	ng		98
30) 1,2,4-Trichlorobenzene	11.116	180	50567	38.923	ng		97
31) Naphthalene	11.310	128	142038	39.030	ng		98
32) Benzoic acid	10.505	122	28438	36.414	ng	#	77
33) 4-Chloroaniline	11.404	127	64361	39.158	ng		99
34) Hexachlorobutadiene	11.586	225	37293	38.214	ng		94
35) Caprolactam	12.167	113	16081	38.137	ng		97
36) 4-Chloro-3-methylphenol	12.491	107	54701	40.005	ng		99
37) 2-Methylnaphthalene	12.884	142	112906	39.091	ng		99
38) 1-Methylnaphthalene	13.101	142	105561	38.922	ng		99
40) 1,2,4,5-Tetrachloroben...	13.242	216	71714	40.774	ng		99
41) Hexachlorocyclopentadiene	13.219	237	40623	41.920	ng		96
43) 2,4,6-Trichlorophenol	13.472	196	46480	41.412	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	54000	40.613	ng		96
46) 1,1'-Biphenyl	13.865	154	153069	41.227	ng		98
47) 2-Chloronaphthalene	13.918	162	114181	41.581	ng		97
48) 2-Nitroaniline	14.106	65	41921	42.694	ng		95
49) Acenaphthylene	14.758	152	185913	41.206	ng		96
50) Dimethylphthalate	14.464	163	163932	41.020	ng	#	98
51) 2,6-Dinitrotoluene	14.588	165	35149	40.707	ng		92
52) Acenaphthene	15.093	154	129497	41.617	ng		99
53) 3-Nitroaniline	14.923	138	35926	42.035	ng		92
54) 2,4-Dinitrophenol	15.122	184	20723	42.639	ng		90
55) Dibenzofuran	15.422	168	195465	41.853	ng		98
56) 4-Nitrophenol	15.205	139	27213	43.059	ng		93
57) 2,4-Dinitrotoluene	15.375	165	50279	41.286	ng		98
58) Fluorene	16.068	166	161010	41.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.639	232	49440	40.838	ng	#	99
60) Diethylphthalate	15.810	149	167312	41.762	ng		97
61) 4-Chlorophenyl-phenyle...	16.050	204	92520	40.776	ng		97
62) 4-Nitroaniline	16.080	138	38003	42.917	ng		91
63) Azobenzene	16.344	77	166750	41.764	ng		99
65) 4,6-Dinitro-2-methylph...	16.133	198	31715	40.957	ng		92
66) n-Nitrosodiphenylamine	16.262	169	139145	40.541	ng		96
67) 4-Bromophenyl-phenylether	16.943	248	63024	39.838	ng		95
68) Hexachlorobenzene	17.073	284	63495	40.596	ng		97
69) Atrazine	17.196	200	56089	39.368	ng		94
70) Pentachlorophenol	17.413	266	45163	40.250	ng		97
71) Phenanthrene	17.813	178	261334	40.090	ng		100
72) Anthracene	17.901	178	268921	40.242	ng		99
73) Carbazole	18.165	167	231709	39.769	ng		98
74) Di-n-butylphthalate	18.688	149	266994	39.574	ng		99
75) Fluoranthene	19.798	202	326160	39.470	ng		98
77) Benzidine	19.963	184	119991	37.244	ng		97
78) Pyrene	20.157	202	331019	40.603	ng		97
80) Butylbenzylphthalate	21.020	149	113750	40.547	ng		96
81) Benzo(a)anthracene	22.072	228	325618	39.921	ng		99
82) 3,3'-Dichlorobenzidine	21.966	252	111004	40.302	ng		97
83) Chrysene	22.142	228	304312	39.846	ng		99
84) Bis(2-ethylhexyl)phtha...	21.925	149	166212	40.915	ng		98
85) Di-n-octyl phthalate	23.247	149	282861	41.319	ng		100
87) Indeno(1,2,3-cd)pyrene	29.732	276	393942	40.653	ng		99
88) Benzo(b)fluoranthene	24.504	252	328406	40.053	ng		99
89) Benzo(k)fluoranthene	24.574	252	331171	40.458	ng		97
90) Benzo(a)pyrene	25.473	252	325614	40.413	ng		98
91) Dibenzo(a,h)anthracene	29.802	278	324201	40.701	ng		95
92) Benzo(g,h,i)perylene	31.024	276	320155	41.048	ng		99

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

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