Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
Data File : BG057592.D
Acq On : 26 May 2023 20:29
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 26 23:37:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 23:28:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 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	8.349	152	17020	20.000	ng		0.00
21) Naphthalene-d8	11.186	136	67940	20.000	ng	#	0.00
39) Acenaphthene-d10	14.969	164	54930	20.000	ng		0.00
64) Phenanthrene-d10	17.707	188	148933	20.000	ng		0.00
76) Chrysene-d12	22.019	240	137242	20.000	ng		0.00
86) Perylene-d12	25.520	264	148503	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.864	112	92993	94.922	ng		0.00
7) Phenol-d6	7.497	99	146116	95.302	ng		0.00
23) Nitrobenzene-d5	9.530	82	141325	97.239	ng		0.00
42) 2,4,6-Tribromophenol	16.456	330	85849	97.617	ng		0.00
45) 2-Fluorobiphenyl	13.589	172	359986	94.182	ng		0.00
79) Terphenyl-d14	20.280	244	749972	94.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.655	88	18723	46.127	ng		99
3) Pyridine	4.084	79	59460	47.895	ng		95
4) n-Nitrosodimethylamine	3.996	42	23526	46.856	ng		91
6) Aniline	7.662	93	89094	48.035	ng		97
8) 2-Chlorophenol	7.908	128	49943	47.485	ng		98
9) Benzaldehyde	7.474	77	46939	46.209	ng		96
10) Phenol	7.521	94	68738	47.369	ng		99
11) bis(2-Chloroethyl)ether	7.750	93	50563	46.664	ng		96
12) 1,3-Dichlorobenzene	8.237	146	54115	48.295	ng		99
13) 1,4-Dichlorobenzene	8.384	146	54012	47.379	ng		97
14) 1,2-Dichlorobenzene	8.707	146	52348	47.079	ng		98
15) Benzyl Alcohol	8.590	79	57363	48.638	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.872	45	64394	47.860	ng		100
17) 2-Methylphenol	8.790	107	51164	48.012	ng		96
18) Hexachloroethane	9.442	117	18974	48.609	ng		97
19) n-Nitroso-di-n-propyla...	9.148	70	50267	47.192	ng		97
20) 3+4-Methylphenols	9.118	107	70640	47.221	ng		99
22) Acetophenone	9.177	105	88238	48.570	ng	#	96
24) Nitrobenzene	9.571	77	72525	49.160	ng		98
25) Isophorone	10.094	82	139811	48.942	ng		97
26) 2-Nitrophenol	10.293	139	31562	49.896	ng		99
27) 2,4-Dimethylphenol	10.334	122	53811	49.204	ng		99
28) bis(2-Chloroethoxy)met...	10.564	93	71679	48.389	ng		96
29) 2,4-Dichlorophenol	10.834	162	56914	49.550	ng		99
30) 1,2,4-Trichlorobenzene	11.045	180	61589	49.199	ng		97
31) Naphthalene	11.239	128	175214	48.752	ng		97
32) Benzoic acid	10.493	122	29895m	47.042	ng		
33) 4-Chloroaniline	11.345	127	82074	49.659	ng		98
34) Hexachlorobutadiene	11.503	225	42303	48.857	ng		97
35) Caprolactam	12.120	113	22898	48.088	ng		93
36) 4-Chloro-3-methylphenol	12.443	107	68749	50.566	ng		96
37) 2-Methylnaphthalene	12.819	142	136735	48.475	ng		98
38) 1-Methylnaphthalene	13.031	142	130923	48.750	ng		100
40) 1,2,4,5-Tetrachloroben...	13.178	216	86472	47.961	ng		100
41) Hexachlorocyclopentadiene	13.148	237	16932	50.062	ng		93
43) 2,4,6-Trichlorophenol	13.419	196	56570	49.838	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.501	196	66267	49.018	ng	93
46)	1,1'-Biphenyl	13.800	154	185551	47.263	ng	99
47)	2-Chloronaphthalene	13.859	162	140061	47.364	ng	99
48)	2-Nitroaniline	14.059	65	49933	48.206	ng	99
49)	Acenaphthylene	14.693	152	239055	47.740	ng	99
50)	Dimethylphthalate	14.405	163	214570	47.395	ng	100
51)	2,6-Dinitrotoluene	14.541	165	47153	48.655	ng	96
52)	Acenaphthene	15.034	154	145929	47.627	ng	97
53)	3-Nitroaniline	14.875	138	48112	47.597	ng	96
54)	2,4-Dinitrophenol	15.093	184	25181	46.628	ng	93
55)	Dibenzofuran	15.363	168	248067	47.381	ng	98
56)	4-Nitrophenol	15.187	139	33341	49.505	ng	95
57)	2,4-Dinitrotoluene	15.328	165	71710	49.420	ng	96
58)	Fluorene	16.009	166	209923	47.488	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.592	232	62113	49.043	ng	99
60)	Diethylphthalate	15.751	149	225700	47.764	ng	99
61)	4-Chlorophenyl-phenyle...	15.986	204	117871	47.845	ng	98
62)	4-Nitroaniline	16.039	138	53633	49.187	ng	97
63)	Azobenzene	16.279	77	202209	48.118	ng	99
65)	4,6-Dinitro-2-methylph...	16.097	198	46162	50.905	ng	97
66)	n-Nitrosodiphenylamine	16.203	169	187032	48.317	ng	99
67)	4-Bromophenyl-phenylether	16.879	248	82168	49.184	ng	99
68)	Hexachlorobenzene	17.014	284	83585	48.537	ng	99
69)	Atrazine	17.137	200	79272	47.698	ng	97
70)	Pentachlorophenol	17.360	266	45747	52.135	ng	97
71)	Phenanthrene	17.754	178	363394	47.680	ng	99
72)	Anthracene	17.842	178	374888	47.949	ng	100
73)	Carbazole	18.112	167	333391	47.665	ng	99
74)	Di-n-butylphthalate	18.623	149	391331	47.130	ng	99
75)	Fluoranthene	19.745	202	465198	47.017	ng	100
77)	Benzidine	19.910	184	197724	47.610	ng	98
78)	Pyrene	20.104	202	470049	48.102	ng	99
80)	Butylbenzylphthalate	20.950	149	171179	48.099	ng	99
81)	Benzo(a)anthracene	22.001	228	457871	48.089	ng	99
82)	3,3'-Dichlorobenzidine	21.895	252	170246	48.487	ng	99
83)	Chrysene	22.072	228	429919	47.781	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.837	149	243568	47.979	ng	100
85)	Di-n-octyl phthalate	23.129	149	406313	48.287	ng	100
87)	Indeno(1,2,3-cd)pyrene	29.585	276	498437	48.141	ng	100
88)	Benzo(b)fluoranthene	24.404	252	449463	49.171	ng	99
89)	Benzo(k)fluoranthene	24.474	252	433016	46.939	ng	99
90)	Benzo(a)pyrene	25.361	252	430384	48.280	ng	99
91)	Dibenzo(a,h)anthracene	29.626	278	415111	48.174	ng	99
92)	Benzo(g,h,i)perylene	30.860	276	407492	48.490	ng	100

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

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