Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
Data File : BG054631.D
Acq On : 14 Aug 2022 13:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 04:17:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 00:32:40 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.960	152	15350	20.000	ng		0.00
21) Naphthalene-d8	10.774	136	57757	20.000	ng		# 0.00
39) Acenaphthene-d10	14.605	164	45379	20.000	ng		0.00
64) Phenanthrene-d10	17.355	188	116568	20.000	ng		# 0.00
76) Chrysene-d12	21.626	240	137846	20.000	ng		# 0.00
86) Perylene-d12	24.822	264	147978	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	68931	93.759	ng		0.00
7) Phenol-d6	7.166	99	95902	95.198	ng		0.00
23) Nitrobenzene-d5	9.135	82	95929	90.448	ng		0.00
42) 2,4,6-Tribromophenol	16.103	330	66805	70.115	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	264241	82.144	ng		0.00
79) Terphenyl-d14	19.963	244	585389	84.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.383	88	13465	46.036	ng	#	93
3) Pyridine	3.794	79	38246	51.546	ng		87
4) n-Nitrosodimethylamine	3.712	42	21170	51.027	ng	#	78
6) Aniline	7.290	93	55333	47.585	ng		99
8) 2-Chlorophenol	7.542	128	38128	45.128	ng		95
9) Benzaldehyde	7.102	77	24075	48.657	ng		85
10) Phenol	7.190	94	48225	48.182	ng		98
11) bis(2-Chloroethyl)ether	7.378	93	35068	48.053	ng		91
12) 1,3-Dichlorobenzene	7.854	146	46118	44.800	ng		95
13) 1,4-Dichlorobenzene	8.001	146	48108	45.254	ng		95
14) 1,2-Dichlorobenzene	8.318	146	44789	44.678	ng		99
15) Benzyl Alcohol	8.212	79	37496	45.255	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.494	45	48664	52.947	ng		94
17) 2-Methylphenol	8.441	107	33236	46.071	ng		93
18) Hexachloroethane	9.041	117	16386	46.551	ng	#	72
19) n-Nitroso-di-n-propyla...	8.770	70	31027	46.122	ng	#	89
20) 3+4-Methylphenols	8.770	107	46275	45.525	ng	#	87
22) Acetophenone	8.794	105	60883	43.828	ng		97
24) Nitrobenzene	9.176	77	47848	46.162	ng	#	89
25) Isophorone	9.699	82	82415	44.680	ng	#	94
26) 2-Nitrophenol	9.893	139	22522	43.107	ng		88
27) 2,4-Dimethylphenol	9.963	122	31679	43.892	ng		92
28) bis(2-Chloroethoxy)met...	10.175	93	42185	45.345	ng	#	97
29) 2,4-Dichlorophenol	10.451	162	46003	42.227	ng		90
30) 1,2,4-Trichlorobenzene	10.639	180	56707	42.029	ng	#	96
31) Naphthalene	10.827	128	125884	43.419	ng		99
32) Benzoic acid	10.151	122	5724m	24.457	ng		
33) 4-Chloroaniline	10.938	127	50787	43.075	ng		97
34) Hexachlorobutadiene	11.103	225	49367	41.402	ng		97
35) Caprolactam	11.726	113	12110	44.148	ng	#	68
36) 4-Chloro-3-methylphenol	12.102	107	42942	43.328	ng		87
37) 2-Methylnaphthalene	12.431	142	94054	42.244	ng		97
38) 1-Methylnaphthalene	12.648	142	90719	41.816	ng		99
40) 1,2,4,5-Tetrachloroben...	12.807	216	79501	39.988	ng	#	96
41) Hexachlorocyclopentadiene	12.778	237	40597	64.694	ng		98
43) 2,4,6-Trichlorophenol	13.060	196	42133	38.922	ng		95

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44)	2,4,5-Trichlorophenol	13.154	196	43895	35.887	ng	#	90
46)	1,1'-Biphenyl	13.436	154	129819	41.816	ng		98
47)	2-Chloronaphthalene	13.488	162	109167	42.018	ng		96
48)	2-Nitroaniline	13.694	65	32097	47.337	ng		94
49)	Acenaphthylene	14.329	152	163566	42.369	ng		100
50)	Dimethylphthalate	14.058	163	147121	41.506	ng		98
51)	2,6-Dinitrotoluene	14.188	165	33000	42.446	ng	#	78
52)	Acenaphthene	14.669	154	98308	42.053	ng		97
53)	3-Nitroaniline	14.528	138	28111	43.233	ng		81
54)	2,4-Dinitrophenol	14.758	184	17056	41.277	ng	#	76
55)	Dibenzofuran	15.004	168	168929	40.612	ng		96
56)	4-Nitrophenol	14.899	139	16959	39.093	ng		95
57)	2,4-Dinitrotoluene	14.993	165	48421	43.445	ng		88
58)	Fluorene	15.656	166	142750	41.741	ng		94
59)	2,3,4,6-Tetrachlorophenol	15.257	232	39875	33.486	ng	#	85
60)	Diethylphthalate	15.416	149	142561	41.925	ng		96
61)	4-Chlorophenyl-phenyle...	15.639	204	91548	40.781	ng		91
62)	4-Nitroaniline	15.692	138	30366	44.452	ng		88
63)	Azobenzene	15.933	77	110415	44.941	ng		90
65)	4,6-Dinitro-2-methylph...	15.768	198	27176	37.736	ng		82
66)	n-Nitrosodiphenylamine	15.856	169	127687	43.874	ng		95
67)	4-Bromophenyl-phenylether	16.538	248	67162	41.024	ng	#	90
68)	Hexachlorobenzene	16.673	284	75375	40.260	ng	#	92
69)	Atrazine	16.808	200	54242	41.883	ng		97
70)	Pentachlorophenol	17.031	266	36344	46.422	ng		95
71)	Phenanthrene	17.401	178	248576	42.821	ng		97
72)	Anthracene	17.490	178	243342	42.717	ng		99
73)	Carbazole	17.766	167	204432	43.590	ng		98
74)	Di-n-butylphthalate	18.306	149	252522	45.627	ng	#	97
75)	Fluoranthene	19.411	202	335492	42.397	ng		96
77)	Benzidine	19.587	184	116879	46.817	ng		97
78)	Pyrene	19.775	202	337480	42.668	ng		98
80)	Butylbenzylphthalate	20.645	149	114033	46.264	ng	#	87
81)	Benzo(a)anthracene	21.602	228	371824	42.492	ng		100
82)	3,3'-Dichlorobenzidine	21.514	252	117325	43.112	ng	#	99
83)	Chrysene	21.673	228	350654	42.416	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.491	149	163097	46.762	ng	#	94
85)	Di-n-octyl phthalate	22.678	149	282239	47.434	ng		95
87)	Indeno(1,2,3-cd)pyrene	28.518	276	466671	41.455	ng	#	57
88)	Benzo(b)fluoranthene	23.812	252	374147	42.754	ng	#	98
89)	Benzo(k)fluoranthene	23.876	252	369950	42.477	ng	#	98
90)	Benzo(a)pyrene	24.675	252	317189	42.441	ng	#	99
91)	Dibenzo(a,h)anthracene	28.547	278	390130	42.146	ng	#	97
92)	Benzo(g,h,i)perylene	29.664	276	381830	41.793	ng	#	93

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

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