Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
Data File : BG059689.D
Acq On : 14 Nov 2023 20:04
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 08:01:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 07:25:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.350	152	34385	20.000	ng		0.00
21) Naphthalene-d8	11.193	136	162361	20.000	ng	#	0.00
39) Acenaphthene-d10	14.977	164	110187	20.000	ng		0.00
64) Phenanthrene-d10	17.727	188	249264	20.000	ng		0.00
76) Chrysene-d12	22.063	240	251327	20.000	ng		0.00
86) Perylene-d12	25.653	264	336852	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.835	112	183691	92.228	ng		0.00
7) Phenol-d6	7.463	99	286731	95.262	ng		0.00
23) Nitrobenzene-d5	9.548	82	383539	101.552	ng		0.00
42) 2,4,6-Tribromophenol	16.464	330	115681	93.027	ng		0.00
45) 2-Fluorobiphenyl	13.602	172	768587	94.042	ng		0.00
79) Terphenyl-d14	20.306	244	1331855	109.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.679	88	34581m	47.792	ng		
3) Pyridine	4.102	79	119065m	49.344	ng		
4) n-Nitrosodimethylamine	4.031	42	53130	49.866	ng	#	90
6) Aniline	7.674	93	187138	46.789	ng		97
8) 2-Chlorophenol	7.897	128	109011	48.398	ng		94
9) Benzaldehyde	7.492	77	84962	43.617	ng		85
10) Phenol	7.492	94	150037	48.530	ng		97
11) bis(2-Chloroethyl)ether	7.762	93	88748	44.675	ng		95
12) 1,3-Dichlorobenzene	8.226	146	117945	47.631	ng		91
13) 1,4-Dichlorobenzene	8.385	146	120463	46.356	ng		93
14) 1,2-Dichlorobenzene	8.708	146	113686	47.424	ng		96
15) Benzyl Alcohol	8.585	79	162263	50.634	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.849	45	34826	46.609	ng		81
17) 2-Methylphenol	8.767	107	110079	48.603	ng		95
18) Hexachloroethane	9.431	117	47064	47.531	ng		98
19) n-Nitroso-di-n-propyla...	9.155	70	109698	47.311	ng		97
20) 3+4-Methylphenols	9.102	107	153552	48.511	ng		98
22) Acetophenone	9.190	105	220982	50.102	ng		93
24) Nitrobenzene	9.595	77	175546	50.129	ng		98
25) Isophorone	10.101	82	321478	49.483	ng		96
26) 2-Nitrophenol	10.295	139	70295	51.844	ng	#	89
27) 2,4-Dimethylphenol	10.324	122	136856	50.623	ng		94
28) bis(2-Chloroethoxy)met...	10.582	93	136305	50.581	ng	#	91
29) 2,4-Dichlorophenol	10.823	162	120421	49.853	ng		87
30) 1,2,4-Trichlorobenzene	11.035	180	118669	48.106	ng		96
31) Naphthalene	11.246	128	395184	48.210	ng	#	94
32) Benzoic acid	10.441	122	90868	50.857	ng		95
33) 4-Chloroaniline	11.364	127	173124	47.737	ng		97
34) Hexachlorobutadiene	11.476	225	76285	48.038	ng		94
35) Caprolactam	12.157	113	42839	49.583	ng		94
36) 4-Chloro-3-methylphenol	12.433	107	156081	47.939	ng		93
37) 2-Methylnaphthalene	12.827	142	315091	46.023	ng		99
38) 1-Methylnaphthalene	13.038	142	297673m	47.332	ng		
40) 1,2,4,5-Tetrachloroben...	13.168	216	143251	47.726	ng		98
41) Hexachlorocyclopentadiene	13.121	237	93808	48.863	ng		94
43) 2,4,6-Trichlorophenol	13.409	196	106100	50.687	ng	#	81

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.479	196	121113	50.510	ng		91
46)	1,1'-Biphenyl	13.814	154	400788	46.721	ng		96
47)	2-Chloronaphthalene	13.867	162	280505	46.550	ng		99
48)	2-Nitroaniline	14.084	65	102116	49.868	ng		88
49)	Acenaphthylene	14.707	152	485597	47.711	ng		95
50)	Dimethylphthalate	14.419	163	410865	48.897	ng		100
51)	2,6-Dinitrotoluene	14.566	165	77585	47.897	ng		92
52)	Acenaphthene	15.042	154	299722	49.102	ng		98
53)	3-Nitroaniline	14.901	138	91466	48.346	ng		91
54)	2,4-Dinitrophenol	15.095	184	55567	51.032	ng	#	88
55)	Dibenzofuran	15.371	168	481622	48.576	ng		94
56)	4-Nitrophenol	15.165	139	71097	49.558	ng	#	79
57)	2,4-Dinitrotoluene	15.342	165	115178	48.365	ng	#	98
58)	Fluorene	16.023	166	398147	46.817	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.582	232	96755	46.903	ng		97
60)	Diethylphthalate	15.765	149	430188	47.509	ng		98
61)	4-Chlorophenyl-phenyle...	16.000	204	204493	46.954	ng		96
62)	4-Nitroaniline	16.070	138	96504	49.984	ng		95
63)	Azobenzene	16.299	77	458992	46.601	ng		98
65)	4,6-Dinitro-2-methylph...	16.088	198	73590	51.819	ng		91
66)	n-Nitrosodiphenylamine	16.223	169	368014	50.493	ng		98
67)	4-Bromophenyl-phenylether	16.899	248	130206	49.653	ng		92
68)	Hexachlorobenzene	16.993	284	127301	51.737	ng		97
69)	Atrazine	17.157	200	104012	45.463	ng		95
70)	Pentachlorophenol	17.345	266	93020	51.032	ng		93
71)	Phenanthrene	17.774	178	625174	48.364	ng		99
72)	Anthracene	17.862	178	638387	47.986	ng		97
73)	Carbazole	18.138	167	557617	47.875	ng		98
74)	Di-n-butylphthalate	18.644	149	651490	48.184	ng		98
75)	Fluoranthene	19.760	202	725193	48.162	ng		94
77)	Benzidine	19.948	184	159467	37.551	ng		95
78)	Pyrene	20.124	202	709005	48.399	ng		99
80)	Butylbenzylphthalate	20.988	149	298516	44.847	ng		97
81)	Benzo(a)anthracene	22.040	228	846247	49.379	ng		99
82)	3,3'-Dichlorobenzidine	21.951	252	311150	49.585	ng		95
83)	Chrysene	22.110	228	769069	47.240	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.869	149	514118	51.454	ng		96
85)	Di-n-octyl phthalate	23.209	149	797847	48.833	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.836	276	1137188	47.985	ng	#	76
88)	Benzo(b)fluoranthene	24.490	252	1024702	50.125	ng		97
89)	Benzo(k)fluoranthene	24.572	252	997197m	48.719	ng		
90)	Benzo(a)pyrene	25.483	252	967947	48.980	ng		98
91)	Dibenzo(a,h)anthracene	29.919	278	974979	48.008	ng	#	90
92)	Benzo(g,h,i)perylene	31.176	276	929200	47.659	ng	#	97

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

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