Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031821\
Data File : BG048416.D
Acq On : 18 Mar 2021 14:16
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 14:50:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 14:16:04 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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3/19/2021 12:05:59 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	57476	20.00	ng		0.00
21) Naphthalene-d8	10.935	136	209055	20.00	ng	#	0.00
39) Acenaphthene-d10	14.754	164	158979	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	394380	20.00	ng	#	0.00
76) Chrysene-d12	21.805	240	389445	20.00	ng	#	0.00
86) Perylene-d12	25.142	264	378371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.653	112	337884	100.98	ng		0.00
7) Phenol-d6	7.257	99	495634	100.54	ng		0.00
23) Nitrobenzene-d5	9.284	82	509991	108.39	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	246948	121.41	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	1047300	92.84	ng		0.00
79) Terphenyl-d14	20.113	244	1915699	95.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.532	88	68067	42.54	ng	#	90
3) Pyridine	3.937	79	200004	45.80	ng		91
4) n-Nitrosodimethylamine	3.849	42	117003	46.39	ng	#	73
6) Aniline	7.433	93	288833	47.65	ng	#	88
8) 2-Chlorophenol	7.674	128	177818	52.64	ng		93
9) Benzaldehyde	7.245	77	135591	42.64	ng	#	78
10) Phenol	7.280	94	248916	49.47	ng		71
11) bis(2-Chloroethyl)ether	7.521	93	178569	49.15	ng		98
12) 1,3-Dichlorobenzene	8.003	146	208086	48.30	ng	#	89
13) 1,4-Dichlorobenzene	8.150	146	207242	48.12	ng		96
14) 1,2-Dichlorobenzene	8.467	146	193825m	45.99	ng		
15) Benzyl Alcohol	8.344	79	223895	51.83	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.644	45	200547	45.16	ng		89
17) 2-Methylphenol	8.544	107	158467	49.25	ng	#	83
18) Hexachloroethane	9.202	117	82310	52.24	ng		93
19) n-Nitroso-di-n-propyla...	8.920	70	182692	48.09	ng	#	97
20) 3+4-Methylphenols	8.873	107	218888	50.97	ng		87
22) Acetophenone	8.937	105	284972	48.23	ng	#	90
24) Nitrobenzene	9.325	77	273378	56.48	ng	#	81
25) Isophorone	9.848	82	483013	47.84	ng	#	92
26) 2-Nitrophenol	10.036	139	105663	66.12	ng	#	65
27) 2,4-Dimethylphenol	10.089	122	167357	52.28	ng		92
28) bis(2-Chloroethoxy)met...	10.330	93	220122	48.55	ng		98
29) 2,4-Dichlorophenol	10.571	162	190255	55.09	ng		96
30) 1,2,4-Trichlorobenzene	10.794	180	226671	50.30	ng		97
31) Naphthalene	10.988	128	556145	48.76	ng		100
32) Benzoic acid	10.218	122	134405	66.69	ng	#	82
33) 4-Chloroaniline	11.088	127	238559	49.75	ng	#	88
34) Hexachlorobutadiene	11.270	225	178322	50.65	ng		98
35) Caprolactam	11.869	113	66404	56.37	ng		89
36) 4-Chloro-3-methylphenol	12.198	107	217973	52.75	ng	#	85
37) 2-Methylnaphthalene	12.586	142	431950	49.38	ng	#	92
38) 1-Methylnaphthalene	12.803	142	402199	48.77	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.950	216	274801	46.74	ng	#	97
41) Hexachlorocyclopentadiene	12.933	237	181950	56.54	ng		95
43) 2,4,6-Trichlorophenol	13.179	196	191796	55.66	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	205884	55.06	ng	#	89
46) 1,1'-Biphenyl	13.591	154	540982	46.88	ng		98
47) 2-Chloronaphthalene	13.632	162	434901	46.52	ng		96
48) 2-Nitroaniline	13.826	65	170530	64.40	ng	#	74
49) Acenaphthylene	14.478	152	698003	46.77	ng		99
50) Dimethylphthalate	14.202	163	598319	48.98	ng		99
51) 2,6-Dinitrotoluene	14.319	165	137913	59.31	ng	#	60
52) Acenaphthene	14.819	154	482101	49.12	ng		97
53) 3-Nitroaniline	14.648	138	128014	54.01	ng	#	77
54) 2,4-Dinitrophenol	14.854	184	84935	61.67	ng	#	71
55) Dibenzofuran	15.154	168	695076	46.18	ng		93
56) 4-Nitrophenol	14.942	139	112566	55.83	ng	#	41
57) 2,4-Dinitrotoluene	15.107	165	194212	61.01	ng	#	70
58) Fluorene	15.800	166	584815	46.46	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	198595	55.00	ng	#	93
60) Diethylphthalate	15.565	149	589114	49.78	ng		98
61) 4-Chlorophenyl-phenyle...	15.794	204	344108	47.57	ng		97
62) 4-Nitroaniline	15.818	138	137686	53.45	ng	#	47
63) Azobenzene	16.088	77	643219	44.61	ng		88
65) 4,6-Dinitro-2-methylph...	15.870	198	129084	67.36	ng		88
66) n-Nitrosodiphenylamine	16.006	169	537981	46.97	ng		96
67) 4-Bromophenyl-phenylether	16.687	248	235633	49.70	ng		95
68) Hexachlorobenzene	16.805	284	249932	48.34	ng		98
69) Atrazine	16.951	200	210031	50.79	ng		96
70) Pentachlorophenol	17.145	266	174917	56.57	ng		98
71) Phenanthrene	17.545	178	972964	46.82	ng		98
72) Anthracene	17.639	178	969377	46.98	ng		98
73) Carbazole	17.903	167	898666	47.07	ng		98
74) Di-n-butylphthalate	18.462	149	1006004	51.53	ng	#	97
75) Fluoranthene	19.554	202	1263356	45.83	ng		97
77) Benzidine	19.731	184	528278	52.35	ng		98
78) Pyrene	19.919	202	1271491	49.02	ng		98
80) Butylbenzylphthalate	20.800	149	446469	55.82	ng	#	84
81) Benzo(a)anthracene	21.781	228	1266055	46.91	ng		99
82) 3,3'-Dichlorobenzidine	21.693	252	450137	49.40	ng	#	98
83) Chrysene	21.852	228	1194867	46.40	ng		98
84) Bis(2-ethylhexyl)phtha...	21.681	149	614683	51.87	ng		98
85) Di-n-octyl phthalate	22.939	149	1035775	52.54	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.979	276	1392755	47.92	ng	#	87
88) Benzo(b)fluoranthene	24.078	252	1270297	48.16	ng	#	96
89) Benzo(k)fluoranthene	24.155	252	1212203	47.89	ng	#	96
90) Benzo(a)pyrene	24.983	252	1170097	48.12	ng	#	97
91) Dibenzo(a,h)anthracene	29.049	278	1193746	48.17	ng	#	94
92) Benzo(g,h,i)perylene	30.183	276	1153015	47.97	ng	#	91

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

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