Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
Data File : BG048052.D
Acq On : 28 Jan 2021 10:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 12:19:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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1/29/2021 10:32:59 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.123	152	41418	20.00	ng		0.00
21) Naphthalene-d8	10.937	136	156589	20.00	ng	#	0.00
39) Acenaphthene-d10	14.750	164	118772	20.00	ng		0.00
64) Phenanthrene-d10	17.488	188	290918	20.00	ng		0.00
76) Chrysene-d12	21.766	240	305395	20.00	ng	#	0.00
86) Perylene-d12	25.050	264	313579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.679	112	210552	78.13	ng		0.00
7) Phenol-d6	7.271	99	326084	79.58	ng		0.00
23) Nitrobenzene-d5	9.286	82	334361	84.49	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	168059	84.96	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	755987	82.29	ng		0.00
79) Terphenyl-d14	20.091	244	1403327	79.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.569	88	48871	40.68	ng		93
3) Pyridine	3.969	79	147961	41.03	ng		91
4) n-Nitrosodimethylamine	3.881	42	68643	41.20	ng	#	74
6) Aniline	7.447	93	187234	37.83	ng		92
8) 2-Chlorophenol	7.688	128	111356	39.47	ng		93
9) Benzaldehyde	7.259	77	82546	39.27	ng		84
10) Phenol	7.300	94	154685	39.38	ng		81
11) bis(2-Chloroethyl)ether	7.535	93	119830	38.95	ng		94
12) 1,3-Dichlorobenzene	8.011	146	134056	39.37	ng	#	90
13) 1,4-Dichlorobenzene	8.158	146	134883	39.52	ng		95
14) 1,2-Dichlorobenzene	8.481	146	127907m	39.26	ng		
15) Benzyl Alcohol	8.358	79	138940	40.08	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.652	45	161933	37.51	ng		92
17) 2-Methylphenol	8.558	107	102459	38.60	ng	#	87
18) Hexachloroethane	9.216	117	52741	39.60	ng		95
19) n-Nitroso-di-n-propyla...	8.928	70	114963	38.44	ng	#	97
20) 3+4-Methylphenols	8.881	107	143738	39.14	ng		88
22) Acetophenone	8.945	105	198225	41.08	ng	#	94
24) Nitrobenzene	9.327	77	164584	41.52	ng	#	85
25) Isophorone	9.856	82	282208	39.74	ng	#	92
26) 2-Nitrophenol	10.044	139	70071	42.97	ng	#	68
27) 2,4-Dimethylphenol	10.097	122	93863	39.61	ng		91
28) bis(2-Chloroethoxy)met...	10.332	93	172573	40.39	ng		94
29) 2,4-Dichlorophenol	10.579	162	128201	42.05	ng		96
30) 1,2,4-Trichlorobenzene	10.796	180	157292	42.67	ng		99
31) Naphthalene	10.990	128	367845	40.63	ng		99
32) Benzoic acid	10.226	122	88951	41.92	ng	#	83
33) 4-Chloroaniline	11.090	127	169808	41.04	ng	#	91
34) Hexachlorobutadiene	11.278	225	115372	44.07	ng		96
35) Caprolactam	11.860	113	45431	39.15	ng		90
36) 4-Chloro-3-methylphenol	12.200	107	142469	41.65	ng		87
37) 2-Methylnaphthalene	12.582	142	282429	41.30	ng	#	94
38) 1-Methylnaphthalene	12.800	142	266687	40.88	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.947	216	193453	42.73	ng		99
41) Hexachlorocyclopentadiene	12.929	237	118250	46.10	ng		98
43) 2,4,6-Trichlorophenol	13.182	196	132009	41.80	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	137743	42.09	ng	#	96
46) 1,1'-Biphenyl	13.587	154	379691	41.35	ng		98
47) 2-Chloronaphthalene	13.628	162	327444	40.98	ng		98
48) 2-Nitroaniline	13.822	65	118923	41.00	ng	#	79
49) Acenaphthylene	14.474	152	472566	40.07	ng		99
50) Dimethylphthalate	14.198	163	427230	39.74	ng		98
51) 2,6-Dinitrotoluene	14.316	165	93059	41.64	ng	#	74
52) Acenaphthene	14.815	154	328272	41.12	ng		97
53) 3-Nitroaniline	14.645	138	98564	40.21	ng	#	76
54) 2,4-Dinitrophenol	14.844	184	63564	45.49	ng	#	71
55) Dibenzofuran	15.144	168	490525	40.51	ng		96
56) 4-Nitrophenol	14.938	139	76861	40.18	ng	#	56
57) 2,4-Dinitrotoluene	15.097	165	131197	40.65	ng	#	81
58) Fluorene	15.790	166	390276	40.09	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.361	232	139146	42.52	ng	#	96
60) Diethylphthalate	15.555	149	437675	39.60	ng		95
61) 4-Chlorophenyl-phenyle...	15.784	204	246733	41.38	ng		99
62) 4-Nitroaniline	15.802	138	106007	39.70	ng	#	66
63) Azobenzene	16.072	77	403700	38.80	ng		90
65) 4,6-Dinitro-2-methylph...	15.861	198	85055	45.30	ng		88
66) n-Nitrosodiphenylamine	15.996	169	360436	41.23	ng		98
67) 4-Bromophenyl-phenylether	16.677	248	167357	43.05	ng		96
68) Hexachlorobenzene	16.795	284	180939	42.80	ng		97
69) Atrazine	16.936	200	139380	41.97	ng		99
70) Pentachlorophenol	17.136	266	113871	44.36	ng		95
71) Phenanthrene	17.529	178	683511	40.72	ng		98
72) Anthracene	17.623	178	674535	40.86	ng		96
73) Carbazole	17.888	167	617198	40.07	ng		98
74) Di-n-butylphthalate	18.446	149	743067	39.50	ng	#	98
75) Fluoranthene	19.533	202	890010	40.44	ng		97
77) Benzidine	19.709	184	363519	41.26	ng		98
78) Pyrene	19.897	202	899306	40.21	ng		99
80) Butylbenzylphthalate	20.773	149	334668	39.18	ng	#	86
81) Benzo(a)anthracene	21.748	228	903412	40.70	ng		99
82) 3,3'-Dichlorobenzidine	21.654	252	309184	41.34	ng		96
83) Chrysene	21.813	228	867660	41.14	ng		99
84) Bis(2-ethylhexyl)phtha...	21.648	149	467775	39.98	ng		95
85) Di-n-octyl phthalate	22.888	149	798287	40.79	ng		97
87) Indeno(1,2,3-cd)pyrene	28.799	276	1037557	41.13	ng	#	93
88) Benzo(b)fluoranthene	24.010	252	918832	41.23	ng	#	97
89) Benzo(k)fluoranthene	24.075	252	894042	41.28	ng	#	98
90) Benzo(a)pyrene	24.897	252	868475	41.49	ng	#	97
91) Dibenzo(a,h)anthracene	28.869	278	851699	40.91	ng	#	95
92) Benzo(g,h,i)perylene	29.968	276	827691	41.28	ng	#	95

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

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