Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
Data File : BG049106.D
Acq On : 26 Jun 2021 13:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 04:30:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	25916	20.00	ng		0.00
21) Naphthalene-d8	10.922	136	105017	20.00	ng	#	0.00
39) Acenaphthene-d10	14.747	164	79658	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	199752	20.00	ng	#	0.00
76) Chrysene-d12	21.780	240	188268	20.00	ng		0.00
86) Perylene-d12	25.100	264	193826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	133422	80.14	ng		0.00
7) Phenol-d6	7.256	99	192323	77.08	ng		0.00
23) Nitrobenzene-d5	9.271	82	195067	80.09	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	117297	99.39	ng		0.00
45) 2-Fluorobiphenyl	13.366	172	449414	79.70	ng		0.00
79) Terphenyl-d14	20.100	244	948225	92.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.531	88	29942	36.84	ng	#	84
3) Pyridine	3.936	79	78192	35.46	ng		90
4) n-Nitrosodimethylamine	3.848	42	44464	42.11	ng	#	79
6) Aniline	7.421	93	112601	35.83	ng		97
8) 2-Chlorophenol	7.667	128	71013	38.70	ng		92
9) Benzaldehyde	7.232	77	54651	42.33	ng		91
10) Phenol	7.285	94	97750	37.92	ng		91
11) bis(2-Chloroethyl)ether	7.515	93	67553	35.32	ng		84
12) 1,3-Dichlorobenzene	7.990	146	75860	37.01	ng		99
13) 1,4-Dichlorobenzene	8.137	146	78695	38.51	ng		96
14) 1,2-Dichlorobenzene	8.460	146	75614	38.46	ng		92
15) Benzyl Alcohol	8.337	79	83940	36.73	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.637	45	115318	31.86	ng		85
17) 2-Methylphenol	8.543	107	63702	37.68	ng		98
18) Hexachloroethane	9.195	117	31040	37.86	ng		97
19) n-Nitroso-di-n-propyla...	8.907	70	67792	34.76	ng	#	93
20) 3+4-Methylphenols	8.872	107	87715	37.95	ng		96
22) Acetophenone	8.931	105	125358	39.24	ng	#	94
24) Nitrobenzene	9.312	77	104006	37.91	ng		95
25) Isophorone	9.841	82	191604	36.11	ng	#	97
26) 2-Nitrophenol	10.029	139	41250	44.33	ng		96
27) 2,4-Dimethylphenol	10.082	122	62880	37.27	ng		97
28) bis(2-Chloroethoxy)met...	10.317	93	86623	35.26	ng	#	92
29) 2,4-Dichlorophenol	10.570	162	75854	40.07	ng		93
30) 1,2,4-Trichlorobenzene	10.787	180	85314	39.31	ng		94
31) Naphthalene	10.975	128	233278	37.29	ng		97
32) Benzoic acid	10.217	122	38644	35.07	ng	#	79
33) 4-Chloroaniline	11.075	127	100952	38.00	ng		98
34) Hexachlorobutadiene	11.263	225	60977	39.42	ng		95
35) Caprolactam	11.862	113	28335	51.78	ng	#	49
36) 4-Chloro-3-methylphenol	12.197	107	90731	39.22	ng	#	93
37) 2-Methylnaphthalene	12.573	142	179241	37.93	ng		96
38) 1-Methylnaphthalene	12.797	142	169760	38.26	ng		91
40) 1,2,4,5-Tetrachloroben...	12.943	216	103515	40.92	ng		97
41) Hexachlorocyclopentadiene	12.920	237	58636	36.06	ng		100
43) 2,4,6-Trichlorophenol	13.178	196	74719	44.15	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	79775	45.58	ng		91
46) 1,1'-Biphenyl	13.578	154	227216	38.69	ng		97
47) 2-Chloronaphthalene	13.625	162	182680	38.95	ng		96
48) 2-Nitroaniline	13.819	65	72473	43.28	ng		94
49) Acenaphthylene	14.471	152	301079	38.53	ng		96
50) Dimethylphthalate	14.195	163	257636	41.52	ng		100
51) 2,6-Dinitrotoluene	14.312	165	58068	45.95	ng		98
52) Acenaphthene	14.812	154	204119m	40.52	ng		
53) 3-Nitroaniline	14.641	138	60197	47.05	ng		87
54) 2,4-Dinitrophenol	14.847	184	34463	58.88	ng		94
55) Dibenzofuran	15.141	168	303799	38.80	ng		97
56) 4-Nitrophenol	14.953	139	51259	49.15	ng		91
57) 2,4-Dinitrotoluene	15.100	165	87342	56.27	ng	#	96
58) Fluorene	15.793	166	259035	40.46	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.364	232	79933	45.12	ng	#	97
60) Diethylphthalate	15.552	149	282457	42.03	ng		94
61) 4-Chlorophenyl-phenyle...	15.781	204	139607	41.70	ng		95
62) 4-Nitroaniline	15.805	138	64999	50.24	ng	#	84
63) Azobenzene	16.075	77	284126	36.95	ng		89
65) 4,6-Dinitro-2-methylph...	15.864	198	53473	56.45	ng		86
66) n-Nitrosodiphenylamine	15.993	169	235274	37.79	ng		98
67) 4-Bromophenyl-phenylether	16.680	248	98876	39.64	ng		93
68) Hexachlorobenzene	16.798	284	113207	41.88	ng		97
69) Atrazine	16.945	200	89987	45.04	ng		98
70) Pentachlorophenol	17.144	266	68379	42.09	ng		95
71) Phenanthrene	17.538	178	441616	39.29	ng		96
72) Anthracene	17.626	178	438980	38.87	ng		99
73) Carbazole	17.896	167	436507	40.32	ng		98
74) Di-n-butylphthalate	18.449	149	505729	41.65	ng		98
75) Fluoranthene	19.542	202	560774	41.37	ng		98
77) Benzidine	19.718	184	153620	40.50	ng		98
78) Pyrene	19.906	202	561000	41.05	ng		97
80) Butylbenzylphthalate	20.781	149	218015	42.29	ng		98
81) Benzo(a)anthracene	21.763	228	545674	40.37	ng		98
82) 3,3'-Dichlorobenzidine	21.674	252	179914	41.62	ng		97
83) Chrysene	21.827	228	526331	40.61	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	298799	40.66	ng		94
85) Di-n-octyl phthalate	22.902	149	496948	39.87	ng		96
87) Indeno(1,2,3-cd)pyrene	28.901	276	620407	42.53	ng	#	97
88) Benzo(b)fluoranthene	24.042	252	554635	40.14	ng	#	96
89) Benzo(k)fluoranthene	24.113	252	527173	40.21	ng	#	99
90) Benzo(a)pyrene	24.941	252	514202	40.77	ng	#	96
91) Dibenzo(a,h)anthracene	28.972	278	526211	43.16	ng	#	97
92) Benzo(g,h,i)perylene	30.100	276	514057	41.82	ng		98

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

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