Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
Data File : BG046684.D
Acq On : 22 Sep 2020 18:45
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Sep 22 20:52:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 20:50:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.123	152	65694	20.00	ng		0.00
21) Naphthalene-d8	10.938	136	245126	20.00	ng	#	0.00
39) Acenaphthene-d10	14.751	164	165035	20.00	ng		0.00
64) Phenanthrene-d10	17.489	188	386943	20.00	ng		0.00
76) Chrysene-d12	21.778	240	407849	20.00	ng		0.00
86) Perylene-d12	25.062	264	431418	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.679	112	316041	85.21	ng		0.00
7) Phenol-d6	7.265	99	444300	84.50	ng		0.00
23) Nitrobenzene-d5	9.287	82	358027	83.48	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	170272	76.15	ng		0.00
45) 2-Fluorobiphenyl	13.376	172	889358	82.26	ng		0.00
79) Terphenyl-d14	20.097	244	1532624	79.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	71993	46.66	ng	#	86
3) Pyridine	3.981	79	213517	47.29	ng		92
4) n-Nitrosodimethylamine	3.893	42	109014	65.47	ng	#	63
6) Aniline	7.448	93	270515	45.72	ng		93
8) 2-Chlorophenol	7.683	128	155946	39.78	ng		87
9) Benzaldehyde	7.260	77	135995	46.17	ng		94
10) Phenol	7.295	94	218088	45.03	ng		83
11) bis(2-Chloroethyl)ether	7.542	93	166798	42.85	ng		91
12) 1,3-Dichlorobenzene	8.018	146	204006	40.99	ng	#	93
13) 1,4-Dichlorobenzene	8.164	146	201182	40.38	ng		98
14) 1,2-Dichlorobenzene	8.482	146	189957	39.76	ng		93
15) Benzyl Alcohol	8.358	79	182532	54.07	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.658	45	297421	49.26	ng		99
17) 2-Methylphenol	8.552	107	139487	40.61	ng	#	87
18) Hexachloroethane	9.216	117	74218	43.93	ng		92
19) n-Nitroso-di-n-propyla...	8.928	70	152492	48.49	ng		91
20) 3+4-Methylphenols	8.881	107	194006	40.92	ng		91
22) Acetophenone	8.946	105	268701	45.03	ng	#	90
24) Nitrobenzene	9.328	77	193048	45.56	ng	#	86
25) Isophorone	9.857	82	381443	48.51	ng		94
26) 2-Nitrophenol	10.045	139	71406	31.94	ng	#	90
27) 2,4-Dimethylphenol	10.092	122	134186	43.64	ng		87
28) bis(2-Chloroethoxy)met...	10.332	93	231674	45.78	ng		94
29) 2,4-Dichlorophenol	10.573	162	168304	41.06	ng		94
30) 1,2,4-Trichlorobenzene	10.797	180	199722	41.07	ng		99
31) Naphthalene	10.990	128	501557	41.91	ng		99
32) Benzoic acid	10.209	122	89154	46.78	ng	#	90
33) 4-Chloroaniline	11.084	127	219806	41.65	ng	#	90
34) Hexachlorobutadiene	11.278	225	145982	46.24	ng		98
35) Caprolactam	11.854	113	55975	36.53	ng	#	81
36) 4-Chloro-3-methylphenol	12.189	107	175926	43.88	ng		84
37) 2-Methylnaphthalene	12.583	142	368078	38.99	ng	#	92
38) 1-Methylnaphthalene	12.800	142	347200	38.83	ng		97
40) 1,2,4,5-Tetrachloroben...	12.947	216	228510	41.99	ng	#	98
41) Hexachlorocyclopentadiene	12.929	237	134873	56.99	ng		97
43) 2,4,6-Trichlorophenol	13.176	196	147870	40.26	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	143695	37.24	ng	#	94
46) 1,1'-Biphenyl	13.587	154	492037	42.85	ng		95
47) 2-Chloronaphthalene	13.629	162	389953	40.06	ng		96
48) 2-Nitroaniline	13.817	65	109460	40.49	ng	#	79
49) Acenaphthylene	14.469	152	571694	38.71	ng		98
50) Dimethylphthalate	14.198	163	505104	39.56	ng		99
51) 2,6-Dinitrotoluene	14.310	165	85466	30.37	ng	#	58
52) Acenaphthene	14.815	154	389406	42.55	ng		93
53) 3-Nitroaniline	14.639	138	95641	31.37	ng	#	75
54) 2,4-Dinitrophenol	14.839	184	43349	26.39	ng	#	71
55) Dibenzofuran	15.144	168	589193	40.12	ng		96
56) 4-Nitrophenol	14.927	139	78139	34.83	ng	#	60
57) 2,4-Dinitrotoluene	15.097	165	114007	28.41	ng	#	78
58) Fluorene	15.797	166	474234	38.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.362	232	144059	38.45	ng	#	93
60) Diethylphthalate	15.562	149	502861	40.39	ng		96
61) 4-Chlorophenyl-phenyle...	15.785	204	272530	40.15	ng		95
62) 4-Nitroaniline	15.802	138	104392	32.45	ng	#	67
63) Azobenzene	16.079	77	493248	48.71	ng		90
65) 4,6-Dinitro-2-methylph...	15.855	198	56991	26.02	ng		91
66) n-Nitrosodiphenylamine	15.996	169	437378	41.90	ng		97
67) 4-Bromophenyl-phenylether	16.684	248	185449	41.08	ng		97
68) Hexachlorobenzene	16.795	284	196498	39.30	ng		93
69) Atrazine	16.942	200	169061	39.70	ng		94
70) Pentachlorophenol	17.130	266	118326	45.30	ng		95
71) Phenanthrene	17.536	178	784111	39.98	ng		97
72) Anthracene	17.624	178	769016	39.74	ng		97
73) Carbazole	17.888	167	697574	38.18	ng		97
74) Di-n-butylphthalate	18.458	149	861950	41.03	ng	#	97
75) Fluoranthene	19.539	202	986256	39.08	ng		97
77) Benzidine	19.710	184	486366	51.32	ng		96
78) Pyrene	19.898	202	987560	38.02	ng		98
80) Butylbenzylphthalate	20.791	149	389145	38.41	ng		89
81) Benzo(a)anthracene	21.754	228	1017476	40.02	ng		99
82) 3,3'-Dichlorobenzidine	21.666	252	399281	42.32	ng		99
83) Chrysene	21.825	228	969440	39.64	ng		99
84) Bis(2-ethylhexyl)phtha...	21.678	149	562683	40.70	ng		95
85) Di-n-octyl phthalate	22.924	149	984445	41.59	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.823	276	1190916	38.43	ng	#	90
88) Benzo(b)fluoranthene	24.022	252	1061880	39.42	ng	#	98
89) Benzo(k)fluoranthene	24.093	252	1002700	38.51	ng	#	97
90) Benzo(a)pyrene	24.909	252	997437	39.68	ng	#	97
91) Dibenzo(a,h)anthracene	28.899	278	983050	39.32	ng	#	94
92) Benzo(g,h,i)perylene	29.998	276	963217	38.58	ng	#	96

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

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