Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
Data File : BG046683.D
Acq On : 22 Sep 2020 18:05
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
9/23/2020 10:44:53 AM

Quant Time: Sep 22 20:52:14 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	64643	20.00	ng		0.00
21) Naphthalene-d8	10.937	136	236970	20.00	ng	#	0.00
39) Acenaphthene-d10	14.745	164	161285	20.00	ng		0.00
64) Phenanthrene-d10	17.489	188	373125	20.00	ng		0.00
76) Chrysene-d12	21.772	240	420389	20.00	ng	#	0.00
86) Perylene-d12	25.056	264	425403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.679	112	157429	43.13	ng		0.00
7) Phenol-d6	7.265	99	224163	43.33	ng		0.00
23) Nitrobenzene-d5	9.286	82	168617	40.67	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	83916	38.40	ng		0.00
45) 2-Fluorobiphenyl	13.376	172	463513	43.87	ng		0.00
79) Terphenyl-d14	20.097	244	848512	42.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	36251	23.87	ng	#	85
3) Pyridine	3.981	79	109863	24.73	ng		95
4) n-Nitrosodimethylamine	3.893	42	55269	33.73	ng	#	66
6) Aniline	7.442	93	136709	23.48	ng	#	89
8) 2-Chlorophenol	7.682	128	80045	20.75	ng		92
9) Benzaldehyde	7.259	77	77153	26.62	ng		86
10) Phenol	7.295	94	111357	23.37	ng		81
11) bis(2-Chloroethyl)ether	7.541	93	86535	22.59	ng		89
12) 1,3-Dichlorobenzene	8.011	146	103596	21.15	ng	#	92
13) 1,4-Dichlorobenzene	8.164	146	101332	20.67	ng		94
14) 1,2-Dichlorobenzene	8.481	146	94555m	20.11	ng		
15) Benzyl Alcohol	8.352	79	91805	27.64	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.658	45	153008	25.75	ng		94
17) 2-Methylphenol	8.552	107	71386	21.12	ng	#	83
18) Hexachloroethane	9.216	117	37270	22.42	ng		92
19) n-Nitroso-di-n-propyla...	8.922	70	78326	25.31	ng		92
20) 3+4-Methylphenols	8.875	107	96422	20.67	ng		92
22) Acetophenone	8.946	105	138088	23.94	ng	#	90
24) Nitrobenzene	9.328	77	93438	22.81	ng	#	90
25) Isophorone	9.850	82	193789	25.49	ng	#	93
26) 2-Nitrophenol	10.038	139	32948	15.25	ng	#	86
27) 2,4-Dimethylphenol	10.091	122	69803	23.48	ng		90
28) bis(2-Chloroethoxy)met...	10.332	93	119947	24.52	ng		99
29) 2,4-Dichlorophenol	10.567	162	81998	20.69	ng		93
30) 1,2,4-Trichlorobenzene	10.796	180	97522	20.74	ng		98
31) Naphthalene	10.990	128	254932	22.03	ng		97
32) Benzoic acid	10.174	122	35534	19.29	ng		92
33) 4-Chloroaniline	11.084	127	111628	21.88	ng	#	92
34) Hexachlorobutadiene	11.278	225	73853	24.20	ng		93
35) Caprolactam	11.830	113	27634	18.66	ng	#	67
36) 4-Chloro-3-methylphenol	12.189	107	87867	22.67	ng		88
37) 2-Methylnaphthalene	12.583	142	189654	20.78	ng	#	95
38) 1-Methylnaphthalene	12.800	142	175130m	20.26	ng		
40) 1,2,4,5-Tetrachloroben...	12.947	216	116017	21.81	ng	#	98
41) Hexachlorocyclopentadiene	12.929	237	65257	28.22	ng		94
43) 2,4,6-Trichlorophenol	13.176	196	73356	20.44	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.241	196	71902	19.07	ng	#	92
46) 1,1'-Biphenyl	13.581	154	250400	22.31	ng		98
47) 2-Chloronaphthalene	13.628	162	203736	21.41	ng		99
48) 2-Nitroaniline	13.816	65	48431	18.33	ng		86
49) Acenaphthylene	14.469	152	299409	20.75	ng		98
50) Dimethylphthalate	14.198	163	262374	21.03	ng		98
51) 2,6-Dinitrotoluene	14.310	165	38608	14.04	ng	#	66
52) Acenaphthene	14.809	154	202234	22.61	ng		94
53) 3-Nitroaniline	14.633	138	44484	14.93	ng	#	75
54) 2,4-Dinitrophenol	14.833	184	21548	13.42	ng	#	42
55) Dibenzofuran	15.144	168	308643	21.50	ng		98
56) 4-Nitrophenol	14.921	139	36251	16.53	ng	#	70
57) 2,4-Dinitrotoluene	15.091	165	50327	12.83	ng	#	73
58) Fluorene	15.791	166	248317	20.61	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.362	232	74035m	20.22	ng		
60) Diethylphthalate	15.561	149	259471	21.33	ng		96
61) 4-Chlorophenyl-phenyle...	15.785	204	139883	21.08	ng		97
62) 4-Nitroaniline	15.791	138	52503	16.70	ng	#	68
63) Azobenzene	16.078	77	257925	26.06	ng		88
65) 4,6-Dinitro-2-methylph...	15.855	198	27327	12.94	ng		91
66) n-Nitrosodiphenylamine	15.996	169	225116	22.36	ng		97
67) 4-Bromophenyl-phenylether	16.678	248	93712	21.53	ng	#	93
68) Hexachlorobenzene	16.795	284	101130	20.98	ng	#	90
69) Atrazine	16.936	200	92929	22.63	ng		97
70) Pentachlorophenol	17.130	266	56014	22.24	ng		97
71) Phenanthrene	17.536	178	407943	21.57	ng		96
72) Anthracene	17.624	178	403656	21.63	ng		97
73) Carbazole	17.888	167	370756	21.04	ng		97
74) Di-n-butylphthalate	18.458	149	460505	22.73	ng		97
75) Fluoranthene	19.539	202	528711	21.72	ng		95
77) Benzidine	19.709	184	233839	23.94	ng		98
78) Pyrene	19.898	202	543222	20.29	ng		97
80) Butylbenzylphthalate	20.791	149	208798	20.00	ng		91
81) Benzo(a)anthracene	21.754	228	568523	21.70	ng		97
82) 3,3'-Dichlorobenzidine	21.666	252	217510	22.37	ng	#	98
83) Chrysene	21.825	228	531525	21.09	ng		94
84) Bis(2-ethylhexyl)phtha...	21.678	149	303466	21.30	ng		95
85) Di-n-octyl phthalate	22.923	149	524223	21.49	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.816	276	634566	20.77	ng	#	90
88) Benzo(b)fluoranthene	24.010	252	565019	21.27	ng	#	96
89) Benzo(k)fluoranthene	24.087	252	537072	20.92	ng	#	98
90) Benzo(a)pyrene	24.909	252	526110	21.22	ng	#	97
91) Dibenzo(a,h)anthracene	28.893	278	513265	20.82	ng	#	96
92) Benzo(g,h,i)perylene	29.980	276	502523	20.41	ng		97

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

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