Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
Data File : BG046687.D
Acq On : 22 Sep 2020 20:46
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
9/23/2020 10:44:59 AM

Quant Time: Sep 22 21:25:18 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	8.125	152	69169	20.00	ng		0.00
21) Naphthalene-d8	10.939	136	246298	20.00	ng		# 0.00
39) Acenaphthene-d10	14.747	164	166150	20.00	ng		0.00
64) Phenanthrene-d10	17.490	188	376587	20.00	ng		0.00
76) Chrysene-d12	21.780	240	388184	20.00	ng		# 0.00
86) Perylene-d12	25.064	264	411284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	657304	168.31	ng		0.00
7) Phenol-d6	7.279	99	925453	167.17	ng		0.01
23) Nitrobenzene-d5	9.294	82	804724	186.74	ng		0.00
42) 2,4,6-Tribromophenol	16.233	330	374768	166.47	ng		0.00
45) 2-Fluorobiphenyl	13.378	172	1762673	161.95	ng		0.00
79) Terphenyl-d14	20.105	244	2792849	153.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	150594	92.69	ng	#	88
3) Pyridine	3.983	79	410630	86.38	ng		91
4) n-Nitrosodimethylamine	3.895	42	226780	129.35	ng	#	71
6) Aniline	7.449	93	554926	89.08	ng		92
8) 2-Chlorophenol	7.690	128	320720	77.70	ng		88
9) Benzaldehyde	7.261	77	236670	76.30	ng		92
10) Phenol	7.302	94	448908	88.04	ng		79
11) bis(2-Chloroethyl)ether	7.543	93	353727	86.30	ng		91
12) 1,3-Dichlorobenzene	8.019	146	415764	79.34	ng	#	90
13) 1,4-Dichlorobenzene	8.160	146	417693	79.62	ng		98
14) 1,2-Dichlorobenzene	8.483	146	389833	77.50	ng		94
15) Benzyl Alcohol	8.360	79	380645	107.09	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.660	45	613265	96.46	ng		98
17) 2-Methylphenol	8.554	107	296728	82.06	ng	#	88
18) Hexachloroethane	9.218	117	155827	87.60	ng		96
19) n-Nitroso-di-n-propyla...	8.942	70	314490	94.97	ng		91
20) 3+4-Methylphenols	8.889	107	408426	81.83	ng		92
22) Acetophenone	8.948	105	556580	92.83	ng	#	90
24) Nitrobenzene	9.335	77	427852	100.50	ng		89
25) Isophorone	9.858	82	782379	99.03	ng		94
26) 2-Nitrophenol	10.046	139	169455	75.44	ng	#	84
27) 2,4-Dimethylphenol	10.093	122	276145	89.38	ng		87
28) bis(2-Chloroethoxy)met...	10.340	93	475951	93.60	ng		96
29) 2,4-Dichlorophenol	10.575	162	352636	85.62	ng		98
30) 1,2,4-Trichlorobenzene	10.798	180	410666	84.04	ng		99
31) Naphthalene	10.992	128	1039810	86.46	ng		98
32) Benzoic acid	10.258	122	221974	115.91	ng	#	81
33) 4-Chloroaniline	11.092	127	459472	86.65	ng	#	91
34) Hexachlorobutadiene	11.280	225	306882	96.74	ng		97
35) Caprolactam	11.879	113	116463	75.65	ng	#	76
36) 4-Chloro-3-methylphenol	12.197	107	373265	92.67	ng		87
37) 2-Methylnaphthalene	12.590	142	768734	81.05	ng	#	95
38) 1-Methylnaphthalene	12.802	142	723905	80.58	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.949	216	467976	85.41	ng	#	96
41) Hexachlorocyclopentadiene	12.937	237	293453	123.18	ng		97
43) 2,4,6-Trichlorophenol	13.184	196	307825	83.25	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.254	196	312850	80.53	ng	#	94
46) 1,1'-Biphenyl	13.589	154	989445	85.59	ng		99
47) 2-Chloronaphthalene	13.630	162	811744	82.82	ng		97
48) 2-Nitroaniline	13.824	65	268644	98.71	ng	#	76
49) Acenaphthylene	14.476	152	1170214	78.71	ng		99
50) Dimethylphthalate	14.206	163	1012315	78.75	ng		99
51) 2,6-Dinitrotoluene	14.318	165	200211	70.66	ng	#	67
52) Acenaphthene	14.817	154	822161	89.24	ng		95
53) 3-Nitroaniline	14.647	138	221069	72.03	ng	#	77
54) 2,4-Dinitrophenol	14.847	184	113600	68.68	ng	#	81
55) Dibenzofuran	15.146	168	1194850	80.81	ng		94
56) 4-Nitrophenol	14.935	139	182632	80.85	ng	#	65
57) 2,4-Dinitrotoluene	15.105	165	274785	68.01	ng	#	75
58) Fluorene	15.798	166	968339	78.03	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.364	232	317943	84.28	ng	#	95
60) Diethylphthalate	15.569	149	1012638	80.80	ng		98
61) 4-Chlorophenyl-phenyle...	15.792	204	569650	83.35	ng		100
62) 4-Nitroaniline	15.810	138	237608	73.37	ng	#	65
63) Azobenzene	16.080	77	987495	96.86	ng		89
65) 4,6-Dinitro-2-methylph...	15.863	198	153057	71.81	ng		82
66) n-Nitrosodiphenylamine	16.004	169	880844	86.70	ng		99
67) 4-Bromophenyl-phenylether	16.686	248	376550	85.71	ng		95
68) Hexachlorobenzene	16.797	284	404296	83.09	ng		92
69) Atrazine	16.950	200	350740	84.63	ng		99
70) Pentachlorophenol	17.138	266	259884	102.23	ng		94
71) Phenanthrene	17.538	178	1559235	81.69	ng		99
72) Anthracene	17.631	178	1541993	81.88	ng		99
73) Carbazole	17.890	167	1387431	78.03	ng		97
74) Di-n-butylphthalate	18.460	149	1691170	82.71	ng	#	98
75) Fluoranthene	19.541	202	1923818	78.32	ng		98
77) Benzidine	19.711	184	863210	95.70	ng		98
78) Pyrene	19.899	202	1926624	77.94	ng		99
80) Butylbenzylphthalate	20.793	149	784080	81.32	ng	#	87
81) Benzo(a)anthracene	21.756	228	1982112	81.92	ng		98
82) 3,3'-Dichlorobenzidine	21.668	252	792908	88.31	ng		99
83) Chrysene	21.827	228	1884322	80.96	ng		98
84) Bis(2-ethylhexyl)phtha...	21.680	149	1125903	85.57	ng		98
85) Di-n-octyl phthalate	22.925	149	1935691	85.92	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.848	276	2425368	82.11	ng	#	89
88) Benzo(b)fluoranthene	24.030	252	2093002m	81.50	ng		
89) Benzo(k)fluoranthene	24.100	252	2009802	80.98	ng	#	98
90) Benzo(a)pyrene	24.923	252	1985858	82.86	ng		97
91) Dibenzo(a,h)anthracene	28.924	278	1954573	82.00	ng	#	97
92) Benzo(g,h,i)perylene	30.023	276	1918802	80.61	ng	#	96

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

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