Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
Data File : BG044244.D
Acq On : 30 Jan 2020 11:16
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
2/3/2020 7:55:09 AM

Quant Time: Jan 30 15:38:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 15:17:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	88696	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	368747	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	234550	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	495602	20.00	ng		0.00
76) Chrysene-d12	21.54	240	451906	20.00	ng		0.00
87) Perylene-d12	24.64	264	513223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	219154	42.46	ng		0.00
7) Phenol-d6	7.08	99	291729	41.63	ng		0.00
23) Nitrobenzene-d5	9.07	82	274564	41.16	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	109521	38.43	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	636261	44.74	ng		0.00
79) Terphenyl-d14	19.92	244	960977	47.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	47462	20.485	ng		98
3) Pyridine	3.78	79	137255	22.357	ng		96
4) n-Nitrosodimethylamine	3.70	42	52529	20.056	ng	#	95
6) Aniline	7.24	93	176481	20.120	ng		99
8) 2-Chlorophenol	7.48	128	118830	20.462	ng		98
9) Benzaldehyde	7.05	77	85703m	25.881	ng		
10) Phenol	7.11	94	142836	20.077	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	122502	20.325	ng		98
12) 1,3-Dichlorobenzene	7.81	146	143094	20.855	ng		98
13) 1,4-Dichlorobenzene	7.95	146	141323	20.837	ng		98
14) 1,2-Dichlorobenzene	8.27	146	134694	20.799	ng		98
15) Benzyl Alcohol	8.15	79	98144	19.059	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	162055	19.751	ng		98
17) 2-Methylphenol	8.36	107	99828	19.691	ng		98
18) Hexachloroethane	9.00	117	52647	20.523	ng		97
19) n-Nitroso-di-n-propylamine	8.72	70	95550	19.746	ng		99
20) 3+4-Methylphenols	8.69	107	136884	19.449	ng		99
22) Acetophenone	8.73	105	189258	20.324	ng	#	99
24) Nitrobenzene	9.11	77	132051	19.757	ng		100
25) Isophorone	9.64	82	250548	19.386	ng		98
26) 2-Nitrophenol	9.83	139	63690	18.079	ng		96
27) 2,4-Dimethylphenol	9.89	122	93414	19.047	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	168405	19.665	ng		99
29) 2,4-Dichlorophenol	10.37	162	114095	19.168	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	132785	19.627	ng		99
31) Naphthalene	10.77	128	378472	20.379	ng		99
32) Benzoic acid	10.02	122	18383m	6.184	ng		
33) 4-Chloroaniline	10.87	127	165956	19.161	ng		97
34) Hexachlorobutadiene	11.06	225	80704	19.449	ng		99
35) Caprolactam	11.62	113	39584	17.910	ng		95
36) 4-Chloro-3-methylphenol	12.00	107	117971	18.760	ng		96
37) 2-Methylnaphthalene	12.38	142	279746	20.120	ng		95
38) 1-Methylnaphthalene	12.59	142	261464	19.756	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	147326	20.217	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	61607	17.203 ng	97
43) 2,4,6-Trichlorophenol	12.99	196	89970	19.011 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	89591	18.546 ng	99
46) 1,1'-Biphenyl	13.39	154	363016	20.692 ng	98
47) 2-Chloronaphthalene	13.43	162	288605	20.432 ng	98
48) 2-Nitroaniline	13.62	65	80559	19.008 ng	97
49) Acenaphthylene	14.27	152	426178	20.630 ng	99
50) Dimethylphthalate	14.00	163	359187	20.346 ng	99
51) 2,6-Dinitrotoluene	14.12	165	76126	19.164 ng	98
52) Acenaphthene	14.62	154	272516	20.376 ng	96
53) 3-Nitroaniline	14.45	138	84384	19.118 ng	95
54) 2,4-Dinitrophenol	14.66	184	28096	13.946 ng	100
55) Dibenzofuran	14.95	168	421899	20.948 ng	98
56) 4-Nitrophenol	14.77	139	57480	17.642 ng	98
57) 2,4-Dinitrotoluene	14.91	165	107051	19.247 ng	99
58) Fluorene	15.60	166	331051	20.788 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	80009	18.908 ng	98
60) Diethylphthalate	15.37	149	359003	20.327 ng	97
61) 4-Chlorophenyl-phenylether	15.60	204	174659	20.173 ng	98
62) 4-Nitroaniline	15.61	138	84300	19.117 ng	97
63) Azobenzene	15.88	77	313697	20.356 ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	50967	17.232 ng	99
66) n-Nitrosodiphenylamine	15.81	169	296642	20.384 ng	97
67) 4-Bromophenyl-phenylether	16.49	248	110786	19.572 ng	97
68) Hexachlorobenzene	16.61	284	123662	19.499 ng	99
69) Atrazine	16.75	200	105367	31.516 ng	97
70) Pentachlorophenol	16.95	266	49313	17.830 ng	99
71) Phenanthrene	17.34	178	533511	21.508 ng	96
72) Anthracene	17.43	178	527556	21.524 ng	97
73) Carbazole	17.70	167	485465	21.299 ng	97
74) Di-n-butylphthalate	18.26	149	608565	21.583 ng	98
75) Fluoranthene	19.35	202	624557	21.766 ng	97
77) Benzidine	19.53	184	278845	26.808 ng	98
78) Pyrene	19.71	202	641415	21.412 ng	95
80) Butylbenzylphthalate	20.60	149	272994	19.630 ng	98
81) Benzo(a)anthracene	21.53	228	601992	20.671 ng	96
82) 3,3'-Dichlorobenzidine	21.44	252	225628	20.168 ng	99
83) Chrysene	21.59	228	585445	20.937 ng	96
84) Bis(2-ethylhexyl)phthalate	21.45	149	400263	20.965 ng	96
85) Di-n-octyl phthalate	22.62	149	675227	20.450 ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	718986	19.398 ng	99
88) Benzo(b)fluoranthene	23.66	252	630317	20.266 ng	98
89) Benzo(k)fluoranthene	23.72	252	622259	20.890 ng	96
90) Benzo(a)pyrene	24.49	252	590035	20.179 ng	100
91) Dibenzo(a,h)anthracene	28.19	278	582596	19.974 ng	99
92) Benzo(g,h,i)perylene	29.23	276	576966	19.754 ng	99

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

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