Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042271.D
Acq On : 16 Aug 2019 22:26
Operator : HP/JU
Sample : K4231-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Manual Integrations APPROVED
Jagrut
8/20/2019 9:52:02 AM

Quant Time: Aug 19 16:18:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:42:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55246	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	214400	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	162584	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	384656	20.00	ng		0.00
76) Chrysene-d12	21.71	240	408051	20.00	ng		0.00
87) Perylene-d12	24.97	264	493848	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	390253	137.44	ng		0.00
7) Phenol-d6	7.18	99	503351	131.49	ng		0.01
23) Nitrobenzene-d5	9.18	82	317066	101.77	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	337785	182.91	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	957478	103.87	ng		0.00
79) Terphenyl-d14	20.04	244	1755983	98.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	44655	33.412	ng	#	47
3) Pyridine	3.85	79	84058	22.936	ng	#	76
4) n-Nitrosodimethylamine	3.75	42	45220	31.125	ng	#	71
6) Aniline	7.33	93	58456	10.845	ng		89
8) 2-Chlorophenol	7.58	128	161457	49.656	ng		87
9) Benzaldehyde	7.14	77	34663	12.869	ng		92
10) Phenol	7.20	94	167080	41.953	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	134313	41.023	ng		86
12) 1,3-Dichlorobenzene	7.90	146	154912	36.504	ng	#	95
13) 1,4-Dichlorobenzene	8.05	146	159414	37.542	ng		94
14) 1,2-Dichlorobenzene	8.37	146	151869	37.482	ng		94
15) Benzyl Alcohol	8.26	79	119869	39.801	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	168203	28.877	ng		90
17) 2-Methylphenol	8.46	107	130888	45.191	ng		96
18) Hexachloroethane	9.11	117	52358	36.007	ng	#	81
19) n-Nitroso-di-n-propylamine	8.83	70	105368	37.912	ng	#	81
20) 3+4-Methylphenols	8.80	107	180306	45.491	ng		98
22) Acetophenone	8.84	105	223167	46.536	ng	#	87
24) Nitrobenzene	9.22	77	150689	45.910	ng		92
25) Isophorone	9.75	82	307260	45.336	ng		95
26) 2-Nitrophenol	9.94	139	96826	63.562	ng	#	88
27) 2,4-Dimethylphenol	10.01	122	156647	58.264	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	188558	44.521	ng		99
29) 2,4-Dichlorophenol	10.49	162	188334	57.523	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	190194	45.809	ng		98
31) Naphthalene	10.89	128	467399	47.633	ng		96
32) Benzoic acid	10.12	122	9569m	12.805	ng		
33) 4-Chloroaniline	11.01	127	14507	3.118	ng	#	90
34) Hexachlorobutadiene	11.18	225	117311	41.865	ng		98
35) Caprolactam	11.77	113	48548m	42.667	ng		
36) 4-Chloro-3-methylphenol	12.13	107	177261	54.609	ng		94
37) 2-Methylnaphthalene	12.50	142	388500	50.020	ng		98
38) 1-Methylnaphthalene	12.71	142	365053	49.596	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	237739	46.195	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	245504	84.847	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	173879	53.456	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	191543	56.665	ng		94
46) 1,1'-Biphenyl	13.51	154	511884	48.978	ng		94
47) 2-Chloronaphthalene	13.55	162	419310	47.123	ng		94
48) 2-Nitroaniline	13.75	65	100375	44.477	ng	#	70
49) Acenaphthylene	14.40	152	672947	50.558	ng		97
50) Dimethylphthalate	14.13	163	570958	51.420	ng		99
51) 2,6-Dinitrotoluene	14.24	165	136283	58.697	ng	#	77
52) Acenaphthene	14.74	154	399747	46.176	ng		99
53) 3-Nitroaniline	14.58	138	36685	14.769	ng	#	85
54) 2,4-Dinitrophenol	14.79	184	90352	68.027	ng	#	78
55) Dibenzofuran	15.07	168	670331	50.624	ng		93
56) 4-Nitrophenol	14.89	139	214043	113.522	ng	#	82
57) 2,4-Dinitrotoluene	15.04	165	191686	60.033	ng	#	83
58) Fluorene	15.72	166	546525	51.432	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	184510	55.113	ng	#	91
60) Diethylphthalate	15.49	149	551545	50.594	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	318014	49.022	ng		92
62) 4-Nitroaniline	15.74	138	121694	45.232	ng		91
63) Azobenzene	16.01	77	384231	43.147	ng		86
65) 4,6-Dinitro-2-methylphenol	15.81	198	86028	46.024	ng		81
66) n-Nitrosodiphenylamine	15.93	169	513746	49.032	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	222019	46.857	ng		96
68) Hexachlorobenzene	16.74	284	233577	47.121	ng	#	90
69) Atrazine	16.88	200	192476	46.754	ng		99
70) Pentachlorophenol	17.08	266	264780	94.028	ng		99
71) Phenanthrene	17.47	178	926237	50.236	ng		95
72) Anthracene	17.56	178	941841	51.219	ng		94
73) Carbazole	17.83	167	855175	51.815	ng		94
74) Di-n-butylphthalate	18.38	149	970747	51.881	ng	#	95
75) Fluoranthene	19.48	202	1188279	53.021	ng		91
78) Pyrene	19.84	202	1193262	49.356	ng		92
80) Butylbenzylphthalate	20.72	149	470407	50.749	ng	#	86
81) Benzo(a)anthracene	21.69	228	1173880	48.624	ng		93
82) 3,3'-Dichlorobenzidine	21.60	252	173710	17.921	ng	#	98
83) Chrysene	21.76	228	1144030	49.435	ng		93
84) Bis(2-ethylhexyl)phthalate	21.60	149	654460	51.185	ng	#	97
85) Di-n-octyl phthalate	22.82	149	1128012	52.421	ng	#	85
86) Indeno(1,2,3-cd)pyrene	28.70	276	1557083	50.827	ng	#	94
88) Benzo(b)fluoranthene	23.94	252	1295795	47.965	ng	#	96
89) Benzo(k)fluoranthene	24.00	252	1272100	48.339	ng	#	96
90) Benzo(a)pyrene	24.82	252	1281786	49.471	ng	#	95
91) Dibenzo(a,h)anthracene	28.76	278	1280545	50.333	ng	#	95
92) Benzo(g,h,i)perylene	29.85	276	1298659	51.092	ng	#	94

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

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