Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042711.D
Acq On : 4 Sep 2019 17:20
Operator : HP/JU
Sample : K4555-21MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Manual Integrations APPROVED
mohammad
9/10/2019 9:50:36 AM

Quant Time: Sep 04 18:38:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32697	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	118803	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	90201	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	214187	20.00	ng		0.00
76) Chrysene-d12	21.69	240	231450	20.00	ng		0.00
87) Perylene-d12	24.93	264	274867	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	212835	131.83	ng		0.00
7) Phenol-d6	7.17	99	253812	116.39	ng		0.00
23) Nitrobenzene-d5	9.17	82	170604	99.24	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	203159	158.46	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	552259	103.55	ng		0.00
79) Terphenyl-d14	20.02	244	1095344	102.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	25366	37.650	ng	#	53
3) Pyridine	3.84	79	41942	24.278	ng		99
4) n-Nitrosodimethylamine	3.75	42	26641	43.175	ng		82
6) Aniline	7.32	93	37698	12.961	ng		97
8) 2-Chlorophenol	7.57	128	90550	46.280	ng		99
9) Benzaldehyde	7.13	77	24929	22.834	ng		97
10) Phenol	7.20	94	85252	38.449	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	71415	41.012	ng		96
12) 1,3-Dichlorobenzene	7.89	146	107496	43.188	ng		97
13) 1,4-Dichlorobenzene	8.04	146	110435	43.803	ng		96
14) 1,2-Dichlorobenzene	8.36	146	104126	43.127	ng		99
15) Benzyl Alcohol	8.24	79	67399	42.959	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	89267	37.822	ng		99
17) 2-Methylphenol	8.45	107	69409	42.501	ng		96
18) Hexachloroethane	9.09	117	36565	42.364	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	56169	39.757	ng		96
20) 3+4-Methylphenols	8.78	107	90581	40.083	ng		97
22) Acetophenone	8.83	105	130501	51.358	ng	#	97
24) Nitrobenzene	9.21	77	82823	47.574	ng		97
25) Isophorone	9.73	82	156852	46.230	ng		99
26) 2-Nitrophenol	9.93	139	55601	50.964	ng		92
27) 2,4-Dimethylphenol	9.99	122	84117	55.973	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	97783	45.726	ng		99
29) 2,4-Dichlorophenol	10.48	162	106264	54.045	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	123046	50.984	ng		98
31) Naphthalene	10.87	128	274096	49.694	ng		99
32) Benzoic acid	10.16	122	27513	29.102	ng		95
33) 4-Chloroaniline	11.00	127	13757	5.403	ng		96
34) Hexachlorobutadiene	11.16	225	83891	51.722	ng		99
35) Caprolactam	11.77	113	22888m	34.886	ng		
36) 4-Chloro-3-methylphenol	12.12	107	94070	50.399	ng		100
37) 2-Methylnaphthalene	12.48	142	224487	50.687	ng		98
38) 1-Methylnaphthalene	12.70	142	208664	49.601	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	156610	54.065	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	153445	100.845	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	99843	50.993	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	108515	53.482	ng		96
46) 1,1'-Biphenyl	13.49	154	297686	51.055	ng		98
47) 2-Chloronaphthalene	13.54	162	245230	48.777	ng		99
48) 2-Nitroaniline	13.73	65	54456	44.917	ng		97
49) Acenaphthylene	14.38	152	389487	51.494	ng		99
50) Dimethylphthalate	14.11	163	326608	50.183	ng		99
51) 2,6-Dinitrotoluene	14.23	165	78374	51.952	ng		98
52) Acenaphthene	14.72	154	227794	49.597	ng		99
53) 3-Nitroaniline	14.57	138	31797	21.075	ng	#	85
54) 2,4-Dinitrophenol	14.78	184	96018	93.291	ng		97
55) Dibenzofuran	15.06	168	395898	52.075	ng		99
56) 4-Nitrophenol	14.89	139	92234	86.034	ng		95
57) 2,4-Dinitrotoluene	15.03	165	110658	51.224	ng		99
58) Fluorene	15.71	166	323190	52.005	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	110502m	55.071	ng		
60) Diethylphthalate	15.47	149	313944	49.345	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	193134	51.554	ng		98
62) 4-Nitroaniline	15.73	138	73617	45.591	ng		92
63) Azobenzene	15.99	77	205849	47.218	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	72828	54.233	ng		99
66) n-Nitrosodiphenylamine	15.91	169	300852	51.076	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	137968	50.783	ng		96
68) Hexachlorobenzene	16.73	284	146319	49.543	ng		99
69) Atrazine	16.86	200	109774	52.700	ng		99
70) Pentachlorophenol	17.07	266	164313	107.077	ng		97
71) Phenanthrene	17.45	178	552117	51.895	ng		99
72) Anthracene	17.55	178	560235	52.748	ng		98
73) Carbazole	17.82	167	485456	51.285	ng		99
74) Di-n-butylphthalate	18.37	149	549408	49.101	ng		100
75) Fluoranthene	19.47	202	709575	54.649	ng		96
77) Benzidine	19.65	184	75754	11.416	ng		97
78) Pyrene	19.83	202	719555	50.708	ng		98
80) Butylbenzylphthalate	20.71	149	253048	45.339	ng		96
81) Benzo(a)anthracene	21.67	228	720066	51.143	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	181776	32.101	ng		97
83) Chrysene	21.74	228	699059	51.483	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	373217	48.162	ng		100
85) Di-n-octyl phthalate	22.78	149	645880	48.460	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	892127	48.346	ng	#	96
88) Benzo(b)fluoranthene	23.91	252	808113	53.478	ng		98
89) Benzo(k)fluoranthene	23.98	252	772803	53.205	ng	#	98
90) Benzo(a)pyrene	24.78	252	779783	54.381	ng		98
91) Dibenzo(a,h)anthracene	28.71	278	756029	52.073	ng		98
92) Benzo(g,h,i)perylene	29.81	276	726849	50.056	ng		98

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

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