Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042977.D
Acq On : 1 Oct 2019 21:34
Operator : JU
Sample : K5094-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Manual Integrations APPROVED
mohammad
10/2/2019 4:00:29 PM

Quant Time: Oct 02 01:52:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73964	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	281125	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	201945	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	492333	20.00	ng		0.00
76) Chrysene-d12	21.71	240	534673	20.00	ng		0.00
87) Perylene-d12	24.93	264	628581	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	353111	85.20	ng		0.00
7) Phenol-d6	7.24	99	527277	88.35	ng		0.00
23) Nitrobenzene-d5	9.23	82	331207	57.26	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	285488	82.21	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	723415	51.93	ng		0.00
79) Terphenyl-d14	20.04	244	1337573	53.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	56341	32.605	ng		95
3) Pyridine	3.95	79	143543	29.535	ng		94
4) n-Nitrosodimethylamine	3.86	42	93509	40.010	ng	#	95
6) Aniline	7.40	93	221920	30.803	ng		98
8) 2-Chlorophenol	7.64	128	190448	44.063	ng		100
9) Benzaldehyde	7.21	77	125144	34.314	ng		97
10) Phenol	7.27	94	246776	45.067	ng		94
11) bis(2-Chloroethyl)ether	7.49	93	164586	38.847	ng		97
12) 1,3-Dichlorobenzene	7.96	146	206338	37.422	ng		99
13) 1,4-Dichlorobenzene	8.11	146	207496	37.750	ng		98
14) 1,2-Dichlorobenzene	8.42	146	198957	38.020	ng		95
15) Benzyl Alcohol	8.31	79	187868	41.867	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	279710	34.377	ng		99
17) 2-Methylphenol	8.52	107	164928	43.046	ng		98
18) Hexachloroethane	9.16	117	77537	37.456	ng		99
19) n-Nitroso-di-n-propylamine	8.88	70	149550	38.160	ng		97
20) 3+4-Methylphenols	8.84	107	227174	43.266	ng		98
22) Acetophenone	8.89	105	285335	39.375	ng	#	96
24) Nitrobenzene	9.27	77	226139	40.990	ng		99
25) Isophorone	9.79	82	418535	41.196	ng		99
26) 2-Nitrophenol	9.99	139	108042	46.004	ng		97
27) 2,4-Dimethylphenol	10.05	122	180051	49.921	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	234639	40.706	ng		99
29) 2,4-Dichlorophenol	10.53	162	205802	45.880	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	230247	39.748	ng		95
31) Naphthalene	10.93	128	573569	41.447	ng		99
32) Benzoic acid	10.19	122	132606	47.362	ng		96
33) 4-Chloroaniline	11.03	127	136668	22.759	ng		97
34) Hexachlorobutadiene	11.21	225	165122	38.070	ng		97
35) Caprolactam	11.81	113	68749m	43.461	ng		
36) 4-Chloro-3-methylphenol	12.15	107	224483	46.027	ng		92
37) 2-Methylnaphthalene	12.52	142	442514	41.916	ng		98
38) 1-Methylnaphthalene	12.74	142	413200	41.363	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	293590	38.666	ng		100

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Quant Time: Oct 02 01:52:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	432333	89.364 ng	96
43) 2,4,6-Trichlorophenol	13.13	196	195976	44.097 ng	97
44) 2,4,5-Trichlorophenol	13.20	196	214834	46.925 ng	98
46) 1,1'-Biphenyl	13.52	154	605278	39.523 ng	99
47) 2-Chloronaphthalene	13.57	162	470178	40.949 ng	98
48) 2-Nitroaniline	13.77	65	162346	42.518 ng	91
49) Acenaphthylene	14.41	152	758165	43.153 ng	100
50) Dimethylphthalate	14.15	163	680865	44.998 ng	99
51) 2,6-Dinitrotoluene	14.26	165	144536	44.856 ng	96
52) Acenaphthene	14.75	154	476369	40.508 ng	98
53) 3-Nitroaniline	14.59	138	95120	28.564 ng	93
54) 2,4-Dinitrophenol	14.79	184	186091	92.911 ng	95
55) Dibenzofuran	15.09	168	738961	42.478 ng	100
56) 4-Nitrophenol	14.91	139	238124	93.850 ng	93
57) 2,4-Dinitrotoluene	15.05	165	202141	42.838 ng	97
58) Fluorene	15.73	166	625473	42.113 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	214566	44.017 ng	100
60) Diethylphthalate	15.50	149	626524	40.686 ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	365890	41.077 ng	98
62) 4-Nitroaniline	15.76	138	148136	40.788 ng	92
63) Azobenzene	16.02	77	577913	41.222 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	130258	46.755 ng	98
66) n-Nitrosodiphenylamine	15.94	169	563055	43.322 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	260547	42.165 ng	97
68) Hexachlorobenzene	16.74	284	277703	40.363 ng	98
69) Atrazine	16.89	200	219226	40.056 ng	96
70) Pentachlorophenol	17.08	266	370581	93.345 ng	98
71) Phenanthrene	17.48	178	997134	41.485 ng	99
72) Anthracene	17.57	178	1020088	42.512 ng	99
73) Carbazole	17.84	167	950709	42.726 ng	99
74) Di-n-butylphthalate	18.39	149	1088129	40.986 ng	98
75) Fluoranthene	19.48	202	1335217	41.999 ng	99
77) Benzidine	19.66	184	630028	47.060 ng	99
78) Pyrene	19.85	202	1355662	42.480 ng	99
80) Butylbenzylphthalate	20.73	149	512049	42.272 ng	99
81) Benzo(a)anthracene	21.68	228	1390151	41.727 ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	383212	29.328 ng	99
83) Chrysene	21.75	228	1341232	41.486 ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	734025	42.586 ng	97
85) Di-n-octyl phthalate	22.81	149	1231025	43.676 ng	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1754485	43.592 ng	99
88) Benzo(b)fluoranthene	23.91	252	1495951	42.060 ng	100
89) Benzo(k)fluoranthene	23.98	252	1463560	41.596 ng	99
90) Benzo(a)pyrene	24.78	252	1459062	43.482 ng	100
91) Dibenzo(a,h)anthracene	28.67	278	1477930	42.952 ng	98
92) Benzo(g,h,i)perylene	29.75	276	1466039	43.973 ng	98

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

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