Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046616.D
Acq On : 14 Sep 2020 23:33
Operator : CG/JU
Sample : L3976-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BSY-WC-S-SB-0102MSD

Manual Integrations APPROVED
mohammad
9/15/2020 11:18:30 AM

Quant Time: Sep 15 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	72579	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	291042	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	206354	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	498846	20.00	ng		0.00
76) Chrysene-d12	21.55	240	498262	20.00	ng		0.00
86) Perylene-d12	24.64	264	509438	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	426270	104.03	ng		0.00
7) Phenol-d6	7.10	99	526496	90.63	ng		0.00
23) Nitrobenzene-d5	9.08	82	396497	77.86	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	291455	104.24	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1011203	74.81	ng		0.00
79) Terphenyl-d14	19.91	244	1661047	70.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	60714	35.613	ng	#	30
3) Pyridine	3.83	79	155562	31.187	ng		98
4) n-Nitrosodimethylamine	3.73	42	71847	39.054	ng		100
6) Aniline	7.25	93	148980	22.791	ng		100
8) 2-Chlorophenol	7.50	128	195981	45.251	ng		99
9) Benzaldehyde	7.06	77	77595	23.842	ng		95
10) Phenol	7.13	94	209713	39.196	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	182333	42.396	ng		99
12) 1,3-Dichlorobenzene	7.81	146	210028	38.196	ng		98
13) 1,4-Dichlorobenzene	7.96	146	213279	38.744	ng		99
14) 1,2-Dichlorobenzene	8.28	146	208493	39.500	ng		99
15) Benzyl Alcohol	8.17	79	169376	45.415	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	267058	40.033	ng		100
17) 2-Methylphenol	8.37	107	164859	43.447	ng		97
18) Hexachloroethane	9.01	117	70419	37.728	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	150531	43.322	ng		99
20) 3+4-Methylphenols	8.70	107	229600	43.839	ng		98
22) Acetophenone	8.74	105	286863	40.491	ng	#	99
24) Nitrobenzene	9.13	77	212928	42.325	ng		99
25) Isophorone	9.65	82	415167	44.470	ng		99
26) 2-Nitrophenol	9.84	139	116489	43.888	ng		98
27) 2,4-Dimethylphenol	9.90	122	187060	51.240	ng		95
28) bis(2-Chloroethoxy)methane	10.13	93	255387	42.501	ng		99
29) 2,4-Dichlorophenol	10.38	162	218648	44.928	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	225221	39.004	ng		99
31) Naphthalene	10.77	128	594601	41.842	ng		99
32) Benzoic acid	10.05	122	56623	26.030	ng		98
33) 4-Chloroaniline	10.89	127	47736	7.618	ng		99
34) Hexachlorobutadiene	11.06	225	141700	37.803	ng		97
35) Caprolactam	11.65	113	58277m	32.035	ng		
36) 4-Chloro-3-methylphenol	12.02	107	215516	45.278	ng		95
37) 2-Methylnaphthalene	12.38	142	473944	42.288	ng		100
38) 1-Methylnaphthalene	12.60	142	446678	42.076	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	282511	41.516	ng		99

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Quant Time: Sep 15 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	285074	96.345 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	190575	41.501 ng	100
44) 2,4,5-Trichlorophenol	13.07	196	208146	43.141 ng	99
46) 1,1'-Biphenyl	13.39	154	622409	43.352 ng	100
47) 2-Chloronaphthalene	13.43	162	494935	40.659 ng	99
48) 2-Nitroaniline	13.63	65	137543	40.692 ng	98
49) Acenaphthylene	14.28	152	786554	42.597 ng	99
50) Dimethylphthalate	14.01	163	664045	41.595 ng	100
51) 2,6-Dinitrotoluene	14.13	165	154327	43.854 ng	95
52) Acenaphthene	14.62	154	476942	41.682 ng	98
53) 3-Nitroaniline	14.46	138	77436	20.314 ng	98
54) 2,4-Dinitrophenol	14.67	184	163383	79.538 ng	97
55) Dibenzofuran	14.95	168	775874	42.252 ng	98
56) 4-Nitrophenol	14.78	139	206560	73.628 ng	99
57) 2,4-Dinitrotoluene	14.92	165	217820	43.409 ng	98
58) Fluorene	15.61	166	648998	42.109 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	199753	42.635 ng	98
60) Diethylphthalate	15.38	149	644780	41.424 ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	350678	41.314 ng	97
62) 4-Nitroaniline	15.62	138	148252	36.859 ng	97
63) Azobenzene	15.89	77	542639	42.857 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	132335	46.869 ng	100
66) n-Nitrosodiphenylamine	15.81	169	586793	43.602 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	248007	42.614 ng	99
68) Hexachlorobenzene	16.62	284	261476	40.567 ng	97
69) Atrazine	16.76	200	184199	33.551 ng	99
70) Pentachlorophenol	16.96	266	280894	83.410 ng	99
71) Phenanthrene	17.34	178	1058476	41.862 ng	100
72) Anthracene	17.43	178	1083218	43.421 ng	99
73) Carbazole	17.70	167	1007716	42.783 ng	100
74) Di-n-butylphthalate	18.27	149	1108512	40.928 ng	99
75) Fluoranthene	19.35	202	1344865	41.331 ng	99
77) Benzidine	19.54	184	58779	5.077 ng	96
78) Pyrene	19.71	202	1346747	42.446 ng	100
80) Butylbenzylphthalate	20.60	149	507650	41.019 ng	95
81) Benzo(a)anthracene	21.53	228	1282576	41.298 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	286074	24.821 ng	99
83) Chrysene	21.59	228	1235672	41.363 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	712983	42.215 ng	99
85) Di-n-octyl phthalate	22.62	149	1246557	43.105 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1561051	42.665 ng	100
88) Benzo(b)fluoranthene	23.67	252	1368750	43.029 ng	98
89) Benzo(k)fluoranthene	23.74	252	1310626	42.632 ng	99
90) Benzo(a)pyrene	24.50	252	1226681	41.322 ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1270589	43.033 ng	100
92) Benzo(g,h,i)perylene	29.25	276	1290716	43.776 ng	99

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

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