Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038309.D
Acq On : 3 Dec 2018 21:00
Operator : JU/SJ
Sample : J6179-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S1-0-0.5-BGSMS

Manual Integrations APPROVED
mohammad
12/4/2018 5:37:30 PM

Quant Time: Dec 04 05:59:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	12294	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	48524	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	50602	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	179778	20.00	ng	0.00
76) Chrysene-d12	21.75	240	174713	20.00	ng	0.00
87) Perylene-d12	25.06	264	183273	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	61711	86.67	ng	0.00
7) Phenol-d6	7.22	99	112557	110.74	ng	0.00
23) Nitrobenzene-d5	9.25	82	78300	86.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	95478	165.44	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	204528	58.88	ng	-0.01
79) Terphenyl-d14	20.06	244	619775	83.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	9020	26.819	ng	# 82
3) Pyridine	3.92	79	17983m	18.744	ng	
4) n-Nitrosodimethylamine	3.84	42	12982	37.297	ng	# 92
6) Aniline	7.40	93	31789	24.233	ng	96
8) 2-Chlorophenol	7.63	128	28279	34.227	ng	98
9) Benzaldehyde	7.22	77	16209	22.052	ng	92
10) Phenol	7.25	94	42405	39.388	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	31874	36.265	ng	90
12) 1,3-Dichlorobenzene	7.96	146	31536	33.132	ng	97
13) 1,4-Dichlorobenzene	8.12	146	32934	34.253	ng	97
14) 1,2-Dichlorobenzene	8.43	146	32315	35.203	ng	95
15) Benzyl Alcohol	8.32	79	28287	38.461	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	59212	36.280	ng	97
17) 2-Methylphenol	8.51	107	27846	38.257	ng	96
18) Hexachloroethane	9.16	117	12114	34.619	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	25158	34.208	ng	95
20) 3+4-Methylphenols	8.83	107	38273	37.092	ng	98
22) Acetophenone	8.90	105	48374	40.068	ng	# 96
24) Nitrobenzene	9.30	77	50081	54.008	ng	97
25) Isophorone	9.81	82	78564	48.152	ng	100
26) 2-Nitrophenol	10.01	139	15569	33.632	ng	96
27) 2,4-Dimethylphenol	10.05	122	30239	43.354	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	37829	36.259	ng	95
29) 2,4-Dichlorophenol	10.54	162	30240	38.545	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	29759	33.850	ng	100
31) Naphthalene	10.94	128	91495	38.336	ng	98
32) Benzoic acid	10.15	122	4863	20.379	ng	91
33) 4-Chloroaniline	11.06	127	36597	32.965	ng	98
34) Hexachlorobutadiene	11.21	225	17359	32.083	ng	97
35) Caprolactam	11.82	113	21123m	67.266	ng	
36) 4-Chloro-3-methylphenol	12.16	107	49523	57.779	ng	97
37) 2-Methylnaphthalene	12.55	142	79457	46.348	ng	98
38) 1-Methylnaphthalene	12.76	142	80213	48.609	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	44760	26.471	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	47473	52.431	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	36870	31.999	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	44988	37.108	ng		96
46) 1,1'-Biphenyl	13.55	154	116941	27.508	ng		99
47) 2-Chloronaphthalene	13.59	162	98401	30.333	ng		99
48) 2-Nitroaniline	13.80	65	45235	44.306	ng		95
49) Acenaphthylene	14.44	152	190147	38.979	ng		98
50) Dimethylphthalate	14.16	163	191739	47.796	ng		98
51) 2,6-Dinitrotoluene	14.29	165	40037	44.097	ng		98
52) Acenaphthene	14.77	154	108173	36.834	ng		97
53) 3-Nitroaniline	14.63	138	40159	40.084	ng	#	98
54) 2,4-Dinitrophenol	14.83	184	46734	93.589	ng		89
55) Dibenzofuran	15.11	168	191642	39.464	ng		94
56) 4-Nitrophenol	14.93	139	81671	105.696	ng		89
57) 2,4-Dinitrotoluene	15.08	165	67943	55.000	ng		96
58) Fluorene	15.76	166	168694	46.559	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	50536	49.815	ng		98
60) Diethylphthalate	15.51	149	206619	48.492	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	86035	40.581	ng		98
62) 4-Nitroaniline	15.79	138	54774	55.035	ng		90
63) Azobenzene	16.04	77	176530	46.337	ng		95
65) 4,6-Dinitro-2-methylphenol	15.84	198	41304	36.324	ng		93
66) n-Nitrosodiphenylamine	15.97	169	168128	30.913	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	60581	30.702	ng		95
68) Hexachlorobenzene	16.75	284	67623	33.201	ng		96
69) Atrazine	16.91	200	77410	38.610	ng		98
70) Pentachlorophenol	17.10	266	83305	60.222	ng		92
71) Phenanthrene	17.51	178	351137	38.149	ng		99
72) Anthracene	17.59	178	358976	39.565	ng		99
73) Carbazole	17.87	167	336328	36.947	ng		99
74) Di-n-butylphthalate	18.40	149	412391	40.357	ng		98
75) Fluoranthene	19.51	202	441306	42.023	ng		99
77) Benzidine	19.70	184	88089	14.369	ng		98
78) Pyrene	19.87	202	441605	38.660	ng		98
80) Butylbenzylphthalate	20.74	149	181536	36.341	ng		99
81) Benzo(a)anthracene	21.72	228	403039	38.174	ng		98
82) 3,3'-Dichlorobenzidine	21.64	252	99340	24.154	ng		97
83) Chrysene	21.79	228	375851	37.206	ng		97
84) Bis(2-ethylhexyl)phthalate	21.59	149	249731	35.055	ng		98
85) Di-n-octyl phthalate	22.83	149	446082	38.705	ng		98
86) Indeno(1,2,3-cd)pyrene	28.86	276	426026	37.972	ng	#	93
88) Benzo(b)fluoranthene	24.00	252	422481	41.890	ng		99
89) Benzo(k)fluoranthene	24.07	252	397026	39.894	ng		100
90) Benzo(a)pyrene	24.90	252	374987	38.905	ng		99
91) Dibenzo(a,h)anthracene	28.92	278	350191	37.760	ng		98
92) Benzo(g,h,i)perylene	30.07	276	353746	38.362	ng		96

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

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