Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038410.D
Acq On : 7 Dec 2018 19:28
Operator : JU/SJ
Sample : J6195-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMSD

Manual Integrations APPROVED
Sohil
12/11/2018 10:30:30 AM

Quant Time: Dec 08 04:29:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29066	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	123864	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	81162	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	203216	20.00	ng	0.00
76) Chrysene-d12	21.74	240	196013	20.00	ng	0.00
87) Perylene-d12	25.04	264	204247	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	193271	117.67	ng	0.00
7) Phenol-d6	7.22	99	247698	104.34	ng	0.00
23) Nitrobenzene-d5	9.25	82	189862	76.10	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	135977	136.47	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	441101	77.44	ng	0.00
79) Terphenyl-d14	20.05	244	768596	84.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	25585	33.987	ng	# 1
3) Pyridine	3.92	79	107804	47.869	ng	98
4) n-Nitrosodimethylamine	3.83	42	46052	46.683	ng	# 96
6) Aniline	7.39	93	87976	29.015	ng	97
8) 2-Chlorophenol	7.63	128	86251	45.216	ng	99
9) Benzaldehyde	7.21	77	34862	23.191	ng	94
10) Phenol	7.25	94	97160	38.737	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	83229	40.517	ng	98
12) 1,3-Dichlorobenzene	7.95	146	86721	38.898	ng	95
13) 1,4-Dichlorobenzene	8.11	146	87876	38.095	ng	100
14) 1,2-Dichlorobenzene	8.42	146	82340	38.450	ng	96
15) Benzyl Alcohol	8.31	79	82087	42.059	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	179430	38.402	ng	98
17) 2-Methylphenol	8.50	107	74891	43.099	ng	96
18) Hexachloroethane	9.15	117	32147	38.612	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	69653	40.153	ng	96
20) 3+4-Methylphenols	8.83	107	100293	39.690	ng	97
22) Acetophenone	8.90	105	130794	44.006	ng	# 94
24) Nitrobenzene	9.29	77	107236	42.307	ng	98
25) Isophorone	9.80	82	205361	46.839	ng	97
26) 2-Nitrophenol	10.00	139	52632	44.814	ng	# 87
27) 2,4-Dimethylphenol	10.04	122	91038	53.968	ng	100
28) bis(2-Chloroethoxy)methane	10.29	93	116698	46.430	ng	99
29) 2,4-Dichlorophenol	10.53	162	92455	48.013	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	93699	41.451	ng	100
31) Naphthalene	10.94	128	269785	45.597	ng	99
32) Benzoic acid	10.19	122	42621	36.819	ng	93
33) 4-Chloroaniline	11.05	127	20713	7.908	ng	97
34) Hexachlorobutadiene	11.20	225	58785	41.569	ng	96
35) Caprolactam	11.84	113	25936m	32.570	ng	
36) 4-Chloro-3-methylphenol	12.16	107	106778	49.908	ng	97
37) 2-Methylnaphthalene	12.54	142	209175	49.643	ng	97
38) 1-Methylnaphthalene	12.76	142	200125	49.590	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	117625	42.118	ng	99

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Quant Time: Dec 08 04:29:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	132858	86.567	ng		98
43) 2,4,6-Trichlorophenol	13.14	196	85635	47.335	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	91737	47.866	ng		95
46) 1,1'-Biphenyl	13.54	154	274423	40.000	ng		99
47) 2-Chloronaphthalene	13.59	162	221705	42.826	ng		99
48) 2-Nitroaniline	13.80	65	80132	46.137	ng		97
49) Acenaphthylene	14.43	152	368799	47.301	ng		99
50) Dimethylphthalate	14.16	163	303294	46.590	ng		99
51) 2,6-Dinitrotoluene	14.29	165	68525	46.081	ng		93
52) Acenaphthene	14.77	154	211189	44.431	ng		98
53) 3-Nitroaniline	14.62	138	38822	24.240	ng	#	94
54) 2,4-Dinitrophenol	14.83	184	69527	85.292	ng	#	85
55) Dibenzofuran	15.10	168	353142	44.940	ng		97
56) 4-Nitrophenol	14.92	139	96004	75.885	ng	#	83
57) 2,4-Dinitrotoluene	15.07	165	97414	47.496	ng	#	97
58) Fluorene	15.75	166	287197	49.608	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85654	51.457	ng		99
60) Diethylphthalate	15.51	149	314882	43.660	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	154274	44.365	ng		98
62) 4-Nitroaniline	15.79	138	71174	45.184	ng		83
63) Azobenzene	16.03	77	286308	45.360	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	55222	41.474	ng		95
66) n-Nitrosodiphenylamine	15.96	169	263208	46.060	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	102669	46.784	ng		100
68) Hexachlorobenzene	16.75	284	106877	47.216	ng		98
69) Atrazine	16.90	200	104526	49.020	ng		98
70) Pentachlorophenol	17.09	266	118675	76.545	ng		98
71) Phenanthrene	17.49	178	497297	48.865	ng		99
72) Anthracene	17.59	178	500463	50.781	ng		99
73) Carbazole	17.86	167	445974	45.594	ng		98
74) Di-n-butylphthalate	18.39	149	537138	47.005	ng		97
75) Fluoranthene	19.50	202	594409	49.992	ng		97
77) Benzidine	19.69	184	136422	20.625	ng		97
78) Pyrene	19.87	202	588089	42.880	ng		98
80) Butylbenzylphthalate	20.73	149	240995	43.690	ng		100
81) Benzo(a)anthracene	21.71	228	568252	47.169	ng		100
82) 3,3'-Dichlorobenzidine	21.63	252	125195	26.714	ng		97
83) Chrysene	21.78	228	525552	46.100	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	392184	50.162	ng		100
85) Di-n-octyl phthalate	22.81	149	576837	43.028	ng		97
86) Indeno(1,2,3-cd)pyrene	28.83	276	841318	64.935	ng	#	89
88) Benzo(b)fluoranthene	23.98	252	562056	48.702	ng	#	97
89) Benzo(k)fluoranthene	24.05	252	531582	46.248	ng		98
90) Benzo(a)pyrene	24.89	252	533269	47.638	ng	#	97
91) Dibenzo(a,h)anthracene	28.90	278	682605	64.293	ng	#	96
92) Benzo(g,h,i)perylene	30.03	276	519102	49.280	ng	#	94

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

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