Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038508.D
Acq On : 12 Dec 2018 21:24
Operator : JU/SJ
Sample : J6193-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-121018-AMSD

Manual Integrations APPROVED
Sohil
12/13/2018 3:07:01 PM

Quant Time: Dec 13 06:32:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25907	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	105132	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70055	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	180654	20.00	ng	0.00
76) Chrysene-d12	21.73	240	180169	20.00	ng	0.00
87) Perylene-d12	25.02	264	198215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	205297	140.55	ng	0.00
7) Phenol-d6	7.21	99	252308	125.83	ng	0.00
23) Nitrobenzene-d5	9.24	82	203143	98.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	160484	166.22	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	480983	94.19	ng	0.00
79) Terphenyl-d14	20.04	244	905899	109.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	21781	32.040	ng	# 1
3) Pyridine	3.90	79	58828	31.431	ng	91
4) n-Nitrosodimethylamine	3.82	42	39596	43.176	ng	96
6) Aniline	7.39	93	32281	12.611	ng	99
8) 2-Chlorophenol	7.62	128	77090	45.607	ng	97
9) Benzaldehyde	7.20	77	32428	24.929	ng	98
10) Phenol	7.24	94	83591	39.239	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	72526	42.761	ng	99
12) 1,3-Dichlorobenzene	7.95	146	78649	39.352	ng	97
13) 1,4-Dichlorobenzene	8.09	146	81233	39.686	ng	97
14) 1,2-Dichlorobenzene	8.42	146	77425	40.123	ng	97
15) Benzyl Alcohol	8.31	79	74777	47.777	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	164650	42.378	ng	98
17) 2-Methylphenol	8.50	107	67737	47.459	ng	99
18) Hexachloroethane	9.14	117	29183	39.017	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	62681	44.507	ng	97
20) 3+4-Methylphenols	8.83	107	92283	46.817	ng	94
22) Acetophenone	8.89	105	120953	46.060	ng	96
24) Nitrobenzene	9.28	77	97105	46.644	ng	100
25) Isophorone	9.79	82	182068	49.242	ng	99
26) 2-Nitrophenol	9.99	139	47552	44.628	ng	99
27) 2,4-Dimethylphenol	10.03	122	81435	53.328	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	102262	49.009	ng	98
29) 2,4-Dichlorophenol	10.52	162	87527	51.522	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	88293	43.027	ng	92
31) Naphthalene	10.93	128	245900	47.472	ng	99
32) Benzoic acid	10.17	122	7626m	16.361	ng	
33) 4-Chloroaniline	11.06	127	4187	1.862	ng	95
34) Hexachlorobutadiene	11.19	225	56871	40.958	ng	# 91
35) Caprolactam	11.83	113	21771m	30.966	ng	
36) 4-Chloro-3-methylphenol	12.15	107	96095	49.568	ng	98
37) 2-Methylnaphthalene	12.53	142	185485	50.193	ng	99
38) 1-Methylnaphthalene	12.75	142	179059	49.933	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	109427	41.788	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	128160	89.083	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	80049	49.717	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	86249	50.594	ng		95
46) 1,1'-Biphenyl	13.53	154	248200	42.262	ng		100
47) 2-Chloronaphthalene	13.58	162	199789	44.041	ng		96
48) 2-Nitroaniline	13.79	65	69962	48.417	ng		95
49) Acenaphthylene	14.42	152	331550	48.888	ng		99
50) Dimethylphthalate	14.15	163	285251	49.861	ng		99
51) 2,6-Dinitrotoluene	14.28	165	64882	50.046	ng		94
52) Acenaphthene	14.76	154	189147	46.642	ng		95
53) 3-Nitroaniline	14.61	138	8738	6.612	ng	#	93
54) 2,4-Dinitrophenol	14.82	184	33492	45.787	ng		97
55) Dibenzofuran	15.10	168	323361	46.517	ng		96
56) 4-Nitrophenol	14.92	139	91814	91.577	ng		95
57) 2,4-Dinitrotoluene	15.07	165	90713	49.678	ng		96
58) Fluorene	15.74	166	264360	51.330	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	81827	53.352	ng		99
60) Diethylphthalate	15.50	149	293346	46.709	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	148918	46.343	ng		99
62) 4-Nitroaniline	15.78	138	57782	42.468	ng		96
63) Azobenzene	16.03	77	250457	47.738	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	34934	27.108	ng		98
66) n-Nitrosodiphenylamine	15.95	169	241750	45.544	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	97924	44.384	ng		93
68) Hexachlorobenzene	16.74	284	102977	45.025	ng		97
69) Atrazine	16.89	200	102535	52.052	ng		99
70) Pentachlorophenol	17.09	266	103613	76.593	ng		97
71) Phenanthrene	17.49	178	465262	49.665	ng		99
72) Anthracene	17.58	178	473012	51.146	ng		99
73) Carbazole	17.85	167	422531	46.197	ng		100
74) Di-n-butylphthalate	18.38	149	505475	48.163	ng		100
75) Fluoranthene	19.49	202	577463	49.820	ng		97
77) Benzidine	19.68	184	127310	23.893	ng		97
78) Pyrene	19.86	202	576146	48.406	ng		99
80) Butylbenzylphthalate	20.73	149	227865	49.002	ng		99
81) Benzo(a)anthracene	21.70	228	556505	50.690	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	69589	15.982	ng		99
83) Chrysene	21.77	228	516017	48.798	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	316712	48.022	ng		100
85) Di-n-octyl phthalate	22.80	149	536361	48.560	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	646261	51.983	ng	#	72
88) Benzo(b)fluoranthene	23.96	252	555299	51.025	ng		99
89) Benzo(k)fluoranthene	24.04	252	551262	50.869	ng		98
90) Benzo(a)pyrene	24.87	252	543159	51.734	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	535593	51.235	ng		98
92) Benzo(g,h,i)perylene	30.00	276	530850	51.528	ng		97

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

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