Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042944.D
Acq On : 30 Sep 2019 15:44
Operator : JU
Sample : K5083-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Manual Integrations APPROVED
mohammad
10/2/2019 8:33:16 AM

Quant Time: Oct 01 07:37:42 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	65776	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	250779	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	178030	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	431180	20.00	ng	0.00
76) Chrysene-d12	21.70	240	481385	20.00	ng	-0.01
87) Perylene-d12	24.93	264	556902	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	385882	104.70	ng	0.00
7) Phenol-d6	7.24	99	552548	104.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	353362	68.49	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	303431	99.12	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	808153	65.81	ng	-0.01
79) Terphenyl-d14	20.04	244	1487223	65.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	49518	32.224	ng	100
3) Pyridine	3.95	79	123287	28.525	ng	95
4) n-Nitrosodimethylamine	3.86	42	77637	37.354	ng	99
6) Aniline	7.40	93	127555	19.909	ng	97
8) 2-Chlorophenol	7.64	128	150134	39.060	ng	98
9) Benzaldehyde	7.21	77	101876	31.411	ng	92
10) Phenol	7.27	94	205215	42.142	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	134838	35.788	ng	98
12) 1,3-Dichlorobenzene	7.96	146	166197	33.895	ng	98
13) 1,4-Dichlorobenzene	8.11	146	168880	34.550	ng	98
14) 1,2-Dichlorobenzene	8.43	146	159128	34.194	ng	96
15) Benzyl Alcohol	8.31	79	143405	35.937	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.60	45	232802	32.174	ng	99
17) 2-Methylphenol	8.52	107	127833	37.517	ng	94
18) Hexachloroethane	9.16	117	62346	33.867	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	116310	33.373	ng	97
20) 3+4-Methylphenols	8.84	107	174351	37.339	ng	97
22) Acetophenone	8.89	105	223918	34.639	ng	99
24) Nitrobenzene	9.27	77	182165	37.015	ng	99
25) Isophorone	9.80	82	332280	36.664	ng	99
26) 2-Nitrophenol	9.99	139	83679	39.942	ng	98
27) 2,4-Dimethylphenol	10.05	122	141177	43.879	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	179153	34.841	ng	98
29) 2,4-Dichlorophenol	10.52	162	153045	38.248	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	179290	34.697	ng	96
31) Naphthalene	10.93	128	454881	36.848	ng	99
32) Benzoic acid	10.16	122	78490	33.684	ng	94
33) 4-Chloroaniline	11.03	127	66317	12.380	ng	99
34) Hexachlorobutadiene	11.22	225	134754	34.828	ng	95
35) Caprolactam	11.80	113	52086m	36.912	ng	
36) 4-Chloro-3-methylphenol	12.16	107	168753	38.787	ng	97
37) 2-Methylnaphthalene	12.53	142	343349	36.458	ng	97
38) 1-Methylnaphthalene	12.74	142	319880	35.896	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	225935	33.753	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	347363	81.445	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	146368	37.359	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	157454	39.012	ng		96
46) 1,1'-Biphenyl	13.52	154	465053	34.446	ng		99
47) 2-Chloronaphthalene	13.57	162	369197	36.474	ng		99
48) 2-Nitroaniline	13.77	65	120428	35.777	ng		95
49) Acenaphthylene	14.41	152	595541	38.450	ng		99
50) Dimethylphthalate	14.15	163	568983	42.655	ng		99
51) 2,6-Dinitrotoluene	14.26	165	106640	37.541	ng		99
52) Acenaphthene	14.75	154	371710	35.854	ng		98
53) 3-Nitroaniline	14.59	138	44633	15.204	ng	#	95
54) 2,4-Dinitrophenol	14.79	184	143019	80.998	ng		96
55) Dibenzofuran	15.09	168	577968	37.687	ng		99
56) 4-Nitrophenol	14.91	139	175632	78.519	ng		94
57) 2,4-Dinitrotoluene	15.04	165	155005	37.262	ng		97
58) Fluorene	15.73	166	484044	36.969	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	161327	37.541	ng		99
60) Diethylphthalate	15.50	149	484282	35.674	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	281510	35.850	ng		99
62) 4-Nitroaniline	15.75	138	107887	33.697	ng		91
63) Azobenzene	16.02	77	451160	36.504	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	95133	38.991	ng		98
66) n-Nitrosodiphenylamine	15.94	169	435000	38.216	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	197273	36.453	ng		100
68) Hexachlorobenzene	16.74	284	211263	35.061	ng		94
69) Atrazine	16.89	200	168229	35.098	ng		97
70) Pentachlorophenol	17.09	266	278125	79.992	ng		99
71) Phenanthrene	17.47	178	779704	37.040	ng		97
72) Anthracene	17.57	178	803048	38.213	ng		99
73) Carbazole	17.83	167	737159	37.827	ng		99
74) Di-n-butylphthalate	18.40	149	853218	36.696	ng		100
75) Fluoranthene	19.48	202	1046030	37.569	ng		98
77) Benzidine	19.66	184	528492	43.846	ng		99
78) Pyrene	19.84	202	1076447	37.465	ng		99
80) Butylbenzylphthalate	20.73	149	398549	36.544	ng		98
81) Benzo(a)anthracene	21.69	228	1105107	36.843	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	184497	15.683	ng		99
83) Chrysene	21.75	228	1082728	37.197	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	572587	36.897	ng		98
85) Di-n-octyl phthalate	22.81	149	963696	37.977	ng		99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1345550	37.132	ng		99
88) Benzo(b)fluoranthene	23.91	252	1175154	37.293	ng		100
89) Benzo(k)fluoranthene	23.98	252	1133134	36.350	ng		99
90) Benzo(a)pyrene	24.78	252	1137735	38.270	ng		98
91) Dibenzo(a,h)anthracene	28.68	278	1131660	37.122	ng		97
92) Benzo(g,h,i)perylene	29.75	276	1122530	38.003	ng		99

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

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