Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039663.D
Acq On : 28 Feb 2019 17:01
Operator : JU/SJ
Sample : TEST 1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEST 1

Manual Integrations APPROVED
Sohil
3/1/2019 4:23:26 PM

Quant Time: Mar 01 06:21:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	38823	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	199195	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	167539	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	454485	20.00	ng		0.00
76) Chrysene-d12	21.83	240	349139	20.00	ng		0.00
87) Perylene-d12	25.19	264	361991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	670329	295.51	ng		0.00
7) Phenol-d6	7.32	99	1003737	300.61	ng		0.00
23) Nitrobenzene-d5	9.33	82	987	0.31	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	543445	301.23	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	126m	0.01	ng		0.00
79) Terphenyl-d14	20.12	244	750	0.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	38158	38.457	ng		99
3) Pyridine	4.00	79	109143	41.546	ng		92
4) n-Nitrosodimethylamine	3.92	42	53872	41.004	ng		88
6) Aniline	7.49	93	136188	32.563	ng		99
8) 2-Chlorophenol	7.73	128	132443	53.415	ng		97
9) Benzaldehyde	7.31	77	95583	72.751	ng		96
10) Phenol	7.35	94	192020	55.169	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	120475	43.804	ng		94
12) 1,3-Dichlorobenzene	8.05	146	124491	41.445	ng		99
13) 1,4-Dichlorobenzene	8.21	146	125534	41.930	ng		95
14) 1,2-Dichlorobenzene	8.52	146	126982	43.812	ng		96
15) Benzyl Alcohol	8.40	79	135838	51.820	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	229776	36.996	ng		98
17) 2-Methylphenol	8.60	107	126490	56.158	ng		96
18) Hexachloroethane	9.25	117	44113	42.827	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	107953	45.553	ng		92
20) 3+4-Methylphenols	8.93	107	183049	59.016	ng		98
22) Acetophenone	8.99	105	201061	37.577	ng	#	93
24) Nitrobenzene	9.39	77	156101	45.316	ng		96
25) Isophorone	9.90	82	321847	45.550	ng		96
26) 2-Nitrophenol	10.10	139	80399	56.372	ng		97
27) 2,4-Dimethylphenol	10.14	122	158926	55.601	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	191161	43.923	ng		99
29) 2,4-Dichlorophenol	10.63	162	168755	54.020	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	144681	41.252	ng		98
31) Naphthalene	11.04	128	431149	43.630	ng		99
32) Benzoic acid	10.27	122	93163	49.441	ng		91
33) 4-Chloroaniline	11.15	127	117623	25.671	ng		98
34) Hexachlorobutadiene	11.30	225	90240	38.689	ng		96
35) Caprolactam	11.94	113	68420	52.928	ng	#	82
36) 4-Chloro-3-methylphenol	12.25	107	199497	55.219	ng		99
37) 2-Methylnaphthalene	12.63	142	351943	48.085	ng		99
38) 1-Methylnaphthalene	12.85	142	341325	48.379	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	196369	36.838	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	230678	79.415	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	152646	46.573	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	170970	49.771	ng		99
46) 1,1'-Biphenyl	13.63	154	517320	37.111	ng		99
47) 2-Chloronaphthalene	13.67	162	399865	38.131	ng		97
48) 2-Nitroaniline	13.89	65	154485	50.716	ng		94
49) Acenaphthylene	14.52	152	669791	42.329	ng		99
50) Dimethylphthalate	14.24	163	590950	43.673	ng		99
51) 2,6-Dinitrotoluene	14.37	165	136285	53.086	ng		90
52) Acenaphthene	14.85	154	408573	39.779	ng		97
53) 3-Nitroaniline	14.70	138	89647	34.681	ng	#	94
54) 2,4-Dinitrophenol	14.90	184	102188	87.392	ng		93
55) Dibenzofuran	15.18	168	694073	42.146	ng		99
56) 4-Nitrophenol	15.00	139	217454	88.239	ng		89
57) 2,4-Dinitrotoluene	15.15	165	199900	59.474	ng	#	84
58) Fluorene	15.84	166	558211	45.470	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	178869	55.612	ng	#	97
60) Diethylphthalate	15.59	149	614685	43.937	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	296543	42.660	ng		99
62) 4-Nitroaniline	15.87	138	144432	50.648	ng		93
63) Azobenzene	16.11	77	540453	39.524	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	91929	50.344	ng		95
66) n-Nitrosodiphenylamine	16.04	169	538050	38.935	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	207027	41.060	ng		93
68) Hexachlorobenzene	16.83	284	214924	42.486	ng		96
69) Atrazine	16.98	200	226376	44.826	ng		96
70) Pentachlorophenol	17.18	266	237734	67.618	ng		100
71) Phenanthrene	17.58	178	985145	41.880	ng		98
72) Anthracene	17.67	178	1023046	44.154	ng		97
73) Carbazole	17.94	167	863064	37.324	ng		99
74) Di-n-butylphthalate	18.47	149	1100283	40.787	ng		99
75) Fluoranthene	19.58	202	1111854	40.723	ng		99
77) Benzidine	19.76	184	434861	37.990	ng		99
78) Pyrene	19.94	202	1080452	49.711	ng		99
80) Butylbenzylphthalate	20.81	149	398004	43.410	ng		95
81) Benzo(a)anthracene	21.80	228	876136	42.468	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	210348	27.498	ng		99
83) Chrysene	21.87	228	846312	43.094	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	516898	39.517	ng		99
85) Di-n-octyl phthalate	22.93	149	901140	41.700	ng		95
86) Indeno(1,2,3-cd)pyrene	29.08	276	1004124	47.655	ng	#	95
88) Benzo(b)fluoranthene	24.12	252	878273	44.489	ng		99
89) Benzo(k)fluoranthene	24.19	252	851790	42.976	ng		100
90) Benzo(a)pyrene	25.04	252	857535	45.104	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	813685	45.700	ng		99
92) Benzo(g,h,i)perylene	30.32	276	805257	45.375	ng		98

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

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