Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\
Data File : BG039589.D
Acq On : 25 Feb 2019 16:35
Operator : JU/SJ
Sample : K1556-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMPMSD

Manual Integrations APPROVED
Sohil
2/26/2019 2:40:30 PM

Quant Time: Feb 25 17:23:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 25 16:56:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52221	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	233790	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	161454	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	386765	20.00	ng		0.00
76) Chrysene-d12	21.83	240	384760	20.00	ng		0.00
87) Perylene-d12	25.21	264	373611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	438344	143.66	ng		0.00
7) Phenol-d6	7.32	99	583796	129.99	ng		0.00
23) Nitrobenzene-d5	9.35	82	422293	112.84	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	269251	154.87	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1002047	89.03	ng		0.00
79) Terphenyl-d14	20.13	244	1589432	87.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	52487	39.326	ng	#	24
3) Pyridine	4.02	79	141251	39.973	ng		95
4) n-Nitrosodimethylamine	3.93	42	78512	44.427	ng	#	79
6) Aniline	7.49	93	103456	18.390	ng		96
8) 2-Chlorophenol	7.73	128	188807	56.610	ng		98
9) Benzaldehyde	7.31	77	117136	60.389	ng		97
10) Phenol	7.35	94	217595	46.477	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	182402	49.305	ng		96
12) 1,3-Dichlorobenzene	8.06	146	193853	47.979	ng		94
13) 1,4-Dichlorobenzene	8.20	146	198936	49.399	ng		99
14) 1,2-Dichlorobenzene	8.53	146	194753	49.956	ng		99
15) Benzyl Alcohol	8.41	79	183259	51.974	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	350337	41.935	ng		100
17) 2-Methylphenol	8.60	107	164202	54.197	ng		98
18) Hexachloroethane	9.26	117	68859	49.700	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	157180	49.308	ng		90
20) 3+4-Methylphenols	8.93	107	226815	54.365	ng		98
22) Acetophenone	9.00	105	301471	48.005	ng	#	95
24) Nitrobenzene	9.39	77	231533	57.268	ng		94
25) Isophorone	9.90	82	452070	54.512	ng		96
26) 2-Nitrophenol	10.10	139	110265	63.150	ng		95
27) 2,4-Dimethylphenol	10.14	122	194534	57.988	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	269297	52.720	ng		97
29) 2,4-Dichlorophenol	10.63	162	220986	60.272	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	212885	51.717	ng		98
31) Naphthalene	11.04	128	615184	53.041	ng		98
32) Benzoic acid	10.21	122	8261m	12.075	ng		
33) 4-Chloroaniline	11.15	127	27010	5.023	ng		94
34) Hexachlorobutadiene	11.30	225	137949	50.392	ng		96
35) Caprolactam	11.93	113	53682	35.382	ng		90
36) 4-Chloro-3-methylphenol	12.26	107	233063	54.964	ng		94
37) 2-Methylnaphthalene	12.63	142	471396	54.876	ng		95
38) 1-Methylnaphthalene	12.85	142	452840	54.687	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	261180	50.843	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	255262	91.190	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	181598	57.495	ng		96
44) 2,4,5-Trichlorophenol	13.30	196	195303	58.997	ng		99
46) 1,1'-Biphenyl	13.63	154	637995	47.493	ng		99
47) 2-Chloronaphthalene	13.68	162	496377	49.119	ng		98
48) 2-Nitroaniline	13.89	65	171728	57.228	ng		93
49) Acenaphthylene	14.52	152	790454	51.838	ng		99
50) Dimethylphthalate	14.24	163	653747	50.135	ng		99
51) 2,6-Dinitrotoluene	14.37	165	149336	59.463	ng		91
52) Acenaphthene	14.86	154	483137	48.811	ng		98
53) 3-Nitroaniline	14.71	138	39580	19.028	ng	#	89
54) 2,4-Dinitrophenol	14.90	184	16309	23.780	ng		95
55) Dibenzofuran	15.19	168	789326	49.737	ng		98
56) 4-Nitrophenol	15.00	139	146409	63.395	ng		91
57) 2,4-Dinitrotoluene	15.15	165	206821	63.277	ng		87
58) Fluorene	15.84	166	624404	52.779	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	174160	56.189	ng		96
60) Diethylphthalate	15.59	149	657118	48.740	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	334892	49.993	ng		96
62) 4-Nitroaniline	15.87	138	151845	54.872	ng		89
63) Azobenzene	16.12	77	592496	44.963	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	25409	22.459	ng		94
66) n-Nitrosodiphenylamine	16.04	169	567954	48.295	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	223613	52.115	ng		94
68) Hexachlorobenzene	16.83	284	227594	52.869	ng		96
69) Atrazine	16.98	200	211375	49.184	ng		98
70) Pentachlorophenol	17.17	266	119943	40.088	ng		98
71) Phenanthrene	17.58	178	1026101	51.259	ng		98
72) Anthracene	17.67	178	1044997	52.998	ng		99
73) Carbazole	17.94	167	912088	46.351	ng		99
74) Di-n-butylphthalate	18.47	149	1098473	47.849	ng		99
75) Fluoranthene	19.58	202	1195536	51.455	ng		98
77) Benzidine	19.76	184	116997	9.275	ng		98
78) Pyrene	19.94	202	1207743	50.423	ng		97
80) Butylbenzylphthalate	20.81	149	516211	51.090	ng		93
81) Benzo(a)anthracene	21.81	228	1195093	52.566	ng		97
82) 3,3'-Dichlorobenzidine	21.72	252	134431	15.947	ng		99
83) Chrysene	21.88	228	1118738	51.692	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	718535	49.847	ng		97
85) Di-n-octyl phthalate	22.94	149	1196573	50.245	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1071045	46.125	ng	#	96
88) Benzo(b)fluoranthene	24.13	252	1119357	54.937	ng		98
89) Benzo(k)fluoranthene	24.20	252	1166893	57.044	ng		99
90) Benzo(a)pyrene	25.05	252	1125503	57.357	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	844202	45.939	ng		99
92) Benzo(g,h,i)perylene	30.32	276	874682	47.754	ng		99

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

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