Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040274.D
Acq On : 1 Apr 2019 20:57
Operator : JU/SJ
Sample : K2173-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3MS

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:20 PM

Quant Time: Apr 02 04:31:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60180	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	270127	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	187357	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	467281	20.00	ng		-0.02
76) Chrysene-d12	21.72	240	439220	20.00	ng		-0.01
87) Perylene-d12	25.05	264	453118	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	118169	32.64	ng		-0.01
7) Phenol-d6	7.21	99	542317	108.40	ng		-0.02
23) Nitrobenzene-d5	9.23	82	419086	82.46	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	40456	19.98	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1034576	81.82	ng		-0.02
79) Terphenyl-d14	20.03	244	1563887	80.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	50074	29.417	ng		94
3) Pyridine	3.90	79	141369	30.846	ng		99
4) n-Nitrosodimethylamine	3.83	42	67857	32.008	ng	#	84
6) Aniline	7.38	93	110589	17.014	ng		93
8) 2-Chlorophenol	7.61	128	51884	12.244	ng		98
9) Benzaldehyde	7.20	77	108583	31.641	ng		97
10) Phenol	7.23	94	127636	23.504	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	156373	35.953	ng		96
12) 1,3-Dichlorobenzene	7.94	146	159099	34.538	ng		95
13) 1,4-Dichlorobenzene	8.09	146	161688	35.241	ng		99
14) 1,2-Dichlorobenzene	8.40	146	152774	34.820	ng		98
15) Benzyl Alcohol	8.29	79	152906	37.950	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	290513	34.804	ng		99
17) 2-Methylphenol	8.49	107	143949	38.308	ng		98
18) Hexachloroethane	9.13	117	57685	33.054	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	128473	35.816	ng		93
20) 3+4-Methylphenols	8.82	107	192581	37.832	ng		96
22) Acetophenone	8.88	105	246154	36.531	ng		98
24) Nitrobenzene	9.27	77	185333	35.217	ng		99
25) Isophorone	9.78	82	373337	35.703	ng		96
26) 2-Nitrophenol	9.98	139	16367	6.564	ng		98
27) 2,4-Dimethylphenol	10.03	122	173788	43.875	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	225776	36.495	ng		98
29) 2,4-Dichlorophenol	10.51	162	52632	12.242	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	174336	36.929	ng		98
31) Naphthalene	10.92	128	514741	37.176	ng		99
33) 4-Chloroaniline	11.03	127	137986	23.363	ng		97
34) Hexachlorobutadiene	11.18	225	100845	33.401	ng		99
35) Caprolactam	11.81	113	67654	39.653	ng		94
36) 4-Chloro-3-methylphenol	12.15	107	192720	38.991	ng		97
37) 2-Methylnaphthalene	12.52	142	403253	39.379	ng		99
38) 1-Methylnaphthalene	12.73	142	391050	39.381	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	206304	34.645	ng		98
41) Hexachlorocyclopentadiene	12.85	237	223691	68.414	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	23067	5.512	ng		98
46) 1,1'-Biphenyl	13.52	154	534880	36.132	ng		99
47) 2-Chloronaphthalene	13.57	162	421322	37.103	ng		99
48) 2-Nitroaniline	13.78	65	146432	38.230	ng		99
49) Acenaphthylene	14.41	152	709435	36.848	ng		99
50) Dimethylphthalate	14.14	163	631539	43.069	ng		98
51) 2,6-Dinitrotoluene	14.27	165	127284	38.659	ng		95
52) Acenaphthene	14.75	154	415621	37.674	ng		97
53) 3-Nitroaniline	14.60	138	117684	33.767	ng		98
55) Dibenzofuran	15.08	168	692262	39.051	ng		99
57) 2,4-Dinitrotoluene	15.05	165	182698	39.935	ng		99
58) Fluorene	15.73	166	544426	39.063	ng		98
60) Diethylphthalate	15.48	149	590130	39.329	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	297136	39.885	ng		98
62) 4-Nitroaniline	15.77	138	149813	40.055	ng		99
63) Azobenzene	16.01	77	548317	38.741	ng		99
66) n-Nitrosodiphenylamine	15.94	169	518032	37.885	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	195196	37.120	ng		97
68) Hexachlorobenzene	16.72	284	201578	38.126	ng		97
69) Atrazine	16.88	200	188755	37.108	ng		99
71) Phenanthrene	17.48	178	929301	37.836	ng		100
72) Anthracene	17.56	178	942878	38.354	ng		98
73) Carbazole	17.84	167	863717	37.124	ng		99
74) Di-n-butylphthalate	18.37	149	1023744	37.122	ng		98
75) Fluoranthene	19.48	202	1075318	36.973	ng		99
77) Benzidine	19.67	184	471181	29.707	ng		97
78) Pyrene	19.84	202	1072552	37.134	ng		99
80) Butylbenzylphthalate	20.71	149	465158	37.635	ng		97
81) Benzo(a)anthracene	21.69	228	975798	36.069	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	231586	22.503	ng		98
83) Chrysene	21.77	228	981645	37.755	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	655955	37.127	ng		99
85) Di-n-octyl phthalate	22.80	149	1123950	37.338	ng		98
86) Indeno(1,2,3-cd)pyrene	28.84	276	1212345	38.124	ng	#	84
88) Benzo(b)fluoranthene	23.96	252	1056480	38.083	ng		98
89) Benzo(k)fluoranthene	24.04	252	1005800	39.425	ng		98
90) Benzo(a)pyrene	24.88	252	1033481	39.705	ng		98
91) Dibenzo(a,h)anthracene	28.96	278	978535	40.478	ng		96
92) Benzo(g,h,i)perylene	30.17	276	998507	40.191	ng		99

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

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