Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039324.D
Acq On : 30 Jan 2019 12:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/1/2019 12:05:28 AM

Quant Time: Jan 30 17:25:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 14:43:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	47599	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	213308	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	142288	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	341233	20.00	ng		0.00
76) Chrysene-d12	21.85	240	332986	20.00	ng		0.00
87) Perylene-d12	25.24	264	349106	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	228730	82.24	ng		0.00
7) Phenol-d6	7.32	99	333479	81.46	ng		0.00
23) Nitrobenzene-d5	9.36	82	290820	85.17	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	122399	79.88	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	737506	74.36	ng		0.00
79) Terphenyl-d14	20.15	244	1186590	75.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	50017	41.115	ng		100
3) Pyridine	4.02	79	136851	42.488	ng		94
4) n-Nitrosodimethylamine	3.93	42	67174	41.702	ng		98
6) Aniline	7.50	93	202525	39.496	ng		99
8) 2-Chlorophenol	7.74	128	122959	40.447	ng		99
9) Benzaldehyde	7.32	77	87580	44.095	ng		97
10) Phenol	7.34	94	171740	40.245	ng		98
11) bis(2-Chloroethyl)ether	7.60	93	135909	40.305	ng		99
12) 1,3-Dichlorobenzene	8.07	146	146489	39.777	ng		96
13) 1,4-Dichlorobenzene	8.22	146	148288	40.398	ng		99
14) 1,2-Dichlorobenzene	8.54	146	140708	39.597	ng		98
15) Benzyl Alcohol	8.42	79	132076	41.095	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	302229	39.689	ng		99
17) 2-Methylphenol	8.61	107	109764	39.747	ng		96
18) Hexachloroethane	9.27	117	52573	41.630	ng		95
19) n-Nitroso-di-n-propylamine	8.99	70	114527	39.416	ng		97
20) 3+4-Methylphenols	8.94	107	154015	40.500	ng		97
22) Acetophenone	9.01	105	215282	37.572	ng	#	98
24) Nitrobenzene	9.40	77	154706	41.940	ng		97
25) Isophorone	9.92	82	285116	37.682	ng		99
26) 2-Nitrophenol	10.11	139	61664	44.033	ng		98
27) 2,4-Dimethylphenol	10.15	122	119128	38.920	ng		94
28) bis(2-Chloroethoxy)methane	10.40	93	182248	39.105	ng		97
29) 2,4-Dichlorophenol	10.64	162	135529	40.514	ng		95
30) 1,2,4-Trichlorobenzene	10.86	180	145954	38.862	ng		96
31) Naphthalene	11.06	128	406549	38.419	ng		97
32) Benzoic acid	10.27	122	82294	42.363	ng		90
33) 4-Chloroaniline	11.16	127	188555	38.429	ng		98
34) Hexachlorobutadiene	11.32	225	97674	39.106	ng		99
35) Caprolactam	11.96	113	53362	38.548	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	157127	40.614	ng		97
37) 2-Methylnaphthalene	12.65	142	295941	37.759	ng		99
38) 1-Methylnaphthalene	12.87	142	283724m	37.554	ng		
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	170642	37.693	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	98326	39.858	ng		99
43) 2,4,6-Trichlorophenol	13.24	196	111637	40.106	ng		96
44) 2,4,5-Trichlorophenol	13.31	196	119312	40.897	ng		95
46) 1,1'-Biphenyl	13.64	154	440281	37.190	ng		98
47) 2-Chloronaphthalene	13.69	162	333353	37.430	ng		98
48) 2-Nitroaniline	13.90	65	103872	41.880	ng		96
49) Acenaphthylene	14.54	152	510655	38.000	ng		98
50) Dimethylphthalate	14.26	163	434855	37.841	ng		100
51) 2,6-Dinitrotoluene	14.38	165	89042	42.352	ng		96
52) Acenaphthene	14.87	154	326438	37.422	ng		98
53) 3-Nitroaniline	14.72	138	95675	42.095	ng	#	94
54) 2,4-Dinitrophenol	14.91	184	33792	45.389	ng		97
55) Dibenzofuran	15.21	168	530787	37.951	ng		98
56) 4-Nitrophenol	14.99	139	81055	41.978	ng		88
57) 2,4-Dinitrotoluene	15.16	165	116076	43.139	ng		93
58) Fluorene	15.85	166	393878	37.778	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.42	232	114890	42.060	ng		99
60) Diethylphthalate	15.61	149	450967	37.955	ng		99
61) 4-Chlorophenyl-phenylether	15.84	204	228288	38.669	ng		97
62) 4-Nitroaniline	15.88	138	99723	44.278	ng		98
63) Azobenzene	16.13	77	433365	37.317	ng		98
65) 4,6-Dinitro-2-methylphenol	15.92	198	60190	45.685	ng		98
66) n-Nitrosodiphenylamine	16.06	169	385312	37.136	ng		98
67) 4-Bromophenyl-phenylether	16.74	248	141890	37.482	ng		96
68) Hexachlorobenzene	16.84	284	146153	38.481	ng		98
69) Atrazine	17.00	200	144952	38.229	ng		99
70) Pentachlorophenol	17.19	266	107336	40.662	ng		99
71) Phenanthrene	17.60	178	667919	37.818	ng		99
72) Anthracene	17.68	178	651960	37.477	ng		99
73) Carbazole	17.96	167	652757	37.598	ng		99
74) Di-n-butylphthalate	18.50	149	760968	37.571	ng		100
75) Fluoranthene	19.59	202	773057	37.712	ng		99
77) Benzidine	19.78	184	398544	36.506	ng		100
78) Pyrene	19.96	202	798344	38.513	ng		98
80) Butylbenzylphthalate	20.83	149	342725	39.194	ng		98
81) Benzo(a)anthracene	21.83	228	751472	38.192	ng		99
82) 3,3'-Dichlorobenzidine	21.74	252	290972	39.883	ng		97
83) Chrysene	21.90	228	725569	38.738	ng		100
84) Bis(2-ethylhexyl)phthalate	21.71	149	486994	39.037	ng		99
85) Di-n-octyl phthalate	22.99	149	811167	39.358	ng		100
86) Indeno(1,2,3-cd)pyrene	29.16	276	826067	41.106	ng	#	92
88) Benzo(b)fluoranthene	24.16	252	737396	38.731	ng		99
89) Benzo(k)fluoranthene	24.23	252	729421	38.161	ng		99
90) Benzo(a)pyrene	25.08	252	711473	38.803	ng		98
91) Dibenzo(a,h)anthracene	29.23	278	669952	39.016	ng		100
92) Benzo(g,h,i)perylene	30.40	276	679302	39.690	ng		97

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

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