Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040438.D
Acq On : 11 Apr 2019 12:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/15/2019 12:22:56 AM

Quant Time: Apr 11 14:10:42 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	8.04	152	69026	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	298293	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	191046	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	483126	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	461808	20.00	ng		-0.03
87) Perylene-d12	24.97	264	462795	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	336072	80.94	ng		-0.02
7) Phenol-d6	7.20	99	456537	79.56	ng		-0.02
23) Nitrobenzene-d5	9.22	82	431757	76.94	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	179107	86.75	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	943432	73.17	ng		-0.02
79) Terphenyl-d14	20.02	244	1459390	71.09	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	78002	39.952	ng		97
3) Pyridine	3.90	79	215346	40.966	ng		98
4) n-Nitrosodimethylamine	3.82	42	96083	39.514	ng	#	90
6) Aniline	7.37	93	283320	38.002	ng		99
8) 2-Chlorophenol	7.61	128	189316	38.950	ng		95
9) Benzaldehyde	7.19	77	137326	34.888	ng		98
10) Phenol	7.23	94	246131	39.517	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	189302	37.946	ng		98
12) 1,3-Dichlorobenzene	7.93	146	200797	38.003	ng		96
13) 1,4-Dichlorobenzene	8.08	146	203408	38.653	ng		97
14) 1,2-Dichlorobenzene	8.40	146	193733	38.497	ng		99
15) Benzyl Alcohol	8.29	79	169022	36.574	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	348744	36.425	ng		97
17) 2-Methylphenol	8.48	107	164039	38.060	ng		96
18) Hexachloroethane	9.12	117	76166	38.050	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	146792	35.679	ng		97
20) 3+4-Methylphenols	8.81	107	225769	38.667	ng		97
22) Acetophenone	8.88	105	280634	37.715	ng	#	99
24) Nitrobenzene	9.26	77	222717	38.325	ng		98
25) Isophorone	9.77	82	416594	36.078	ng		99
26) 2-Nitrophenol	9.97	139	108581	39.432	ng		98
27) 2,4-Dimethylphenol	10.02	122	168977	38.633	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	253028	37.038	ng		99
29) 2,4-Dichlorophenol	10.50	162	186600	39.304	ng		100
30) 1,2,4-Trichlorobenzene	10.71	180	198862	38.147	ng		96
31) Naphthalene	10.91	128	589160	38.533	ng		100
32) Benzoic acid	10.17	122	88196	33.373	ng		96
33) 4-Chloroaniline	11.03	127	254735	39.059	ng		98
34) Hexachlorobutadiene	11.17	225	125592	37.670	ng		93
35) Caprolactam	11.83	113	74752	39.676	ng		96
36) 4-Chloro-3-methylphenol	12.14	107	222569	40.779	ng		99
37) 2-Methylnaphthalene	12.51	142	429436	37.976	ng		98
38) 1-Methylnaphthalene	12.73	142	421287	38.420	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	221585	36.492	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	137823	41.338	ng		93
43) 2,4,6-Trichlorophenol	13.11	196	151493	38.697	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	167800	39.324	ng		97
46) 1,1'-Biphenyl	13.51	154	556737	36.882	ng		98
47) 2-Chloronaphthalene	13.56	162	434643	37.537	ng		99
48) 2-Nitroaniline	13.78	65	154101	39.456	ng		98
49) Acenaphthylene	14.40	152	746550	38.027	ng		98
50) Dimethylphthalate	14.13	163	567977	37.987	ng		97
51) 2,6-Dinitrotoluene	14.26	165	133466	39.754	ng		95
52) Acenaphthene	14.75	154	425350	37.811	ng		98
53) 3-Nitroaniline	14.60	138	140459	39.524	ng		89
54) 2,4-Dinitrophenol	14.80	184	57513	32.212	ng		89
55) Dibenzofuran	15.07	168	704864	38.994	ng		99
56) 4-Nitrophenol	14.90	139	99295	34.619	ng		96
57) 2,4-Dinitrotoluene	15.04	165	193559	41.492	ng		100
58) Fluorene	15.72	166	559218	39.349	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	157049	40.558	ng		99
60) Diethylphthalate	15.48	149	599969	39.213	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	298769	39.329	ng		99
62) 4-Nitroaniline	15.76	138	154203	40.433	ng		100
63) Azobenzene	16.00	77	566920	39.282	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	101235	37.297	ng		100
66) n-Nitrosodiphenylamine	15.93	169	515765	36.482	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	198475	36.506	ng		94
68) Hexachlorobenzene	16.72	284	203599	37.245	ng		97
69) Atrazine	16.87	200	191229	36.362	ng		100
70) Pentachlorophenol	17.07	266	104495m	33.064	ng		
71) Phenanthrene	17.47	178	947323	37.305	ng		98
72) Anthracene	17.56	178	944867	37.174	ng		99
73) Carbazole	17.83	167	905762	37.654	ng		99
74) Di-n-butylphthalate	18.36	149	1080138	37.882	ng		100
75) Fluoranthene	19.47	202	1131422	37.627	ng		99
77) Benzidine	19.66	184	536996	32.201	ng		98
78) Pyrene	19.83	202	1130860	37.237	ng		99
80) Butylbenzylphthalate	20.70	149	495872	38.158	ng		98
81) Benzo(a)anthracene	21.68	228	1049759	36.905	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	396178	36.613	ng		100
83) Chrysene	21.74	228	1006250	36.809	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	703656	37.879	ng		98
85) Di-n-octyl phthalate	22.77	149	1164658	36.798	ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1205123	36.043	ng	#	91
88) Benzo(b)fluoranthene	23.92	252	1048218	36.995	ng		99
89) Benzo(k)fluoranthene	24.00	252	1010509	38.782	ng		99
90) Benzo(a)pyrene	24.82	252	1007276	37.889	ng		98
91) Dibenzo(a,h)anthracene	28.81	278	952665	38.584	ng		98
92) Benzo(g,h,i)perylene	29.93	276	984026	38.780	ng		99

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

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