Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
Data File : BG040583.D
Acq On : 23 Apr 2019 22:36
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG042319

Quant Time: Apr 24 06:00:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41473	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	191456	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	134373	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	333336	20.00	ng	0.00
76) Chrysene-d12	21.83	240	360482	20.00	ng	0.00
87) Perylene-d12	25.19	264	361782	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	195518	83.10	ng	0.00
7) Phenol-d6	7.30	99	304753	84.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	347346	83.83	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	154858	83.84	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	756389	81.29	ng	0.00
79) Terphenyl-d14	20.13	244	1357370	83.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	44681	41.759	ng	96
3) Pyridine	3.96	79	130093	41.947	ng	96
4) n-Nitrosodimethylamine	3.89	42	73452	42.699	ng	98
6) Aniline	7.48	93	199072	41.460	ng	98
8) 2-Chlorophenol	7.72	128	119487	41.593	ng	99
9) Benzaldehyde	7.30	77	94796	45.206	ng	93
10) Phenol	7.32	94	160893	41.318	ng	90
11) bis(2-Chloroethyl)ether	7.58	93	118223	40.486	ng	95
12) 1,3-Dichlorobenzene	8.05	146	131242	41.856	ng	98
13) 1,4-Dichlorobenzene	8.19	146	128924	40.559	ng	99
14) 1,2-Dichlorobenzene	8.52	146	124683	40.674	ng	98
15) Benzyl Alcohol	8.39	79	159744	42.381	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	236190	40.627	ng	98
17) 2-Methylphenol	8.59	107	111714	40.538	ng	93
18) Hexachloroethane	9.25	117	54073	41.470	ng	91
19) n-Nitroso-di-n-propylamine	8.97	70	136155	41.754	ng	98
20) 3+4-Methylphenols	8.92	107	158654	41.327	ng	98
22) Acetophenone	8.99	105	212752	39.962	ng	97
24) Nitrobenzene	9.38	77	183979	41.616	ng	98
25) Isophorone	9.90	82	369081	39.989	ng	99
26) 2-Nitrophenol	10.09	139	69271	43.712	ng	98
27) 2,4-Dimethylphenol	10.13	122	119835	40.303	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	184525	39.848	ng	97
29) 2,4-Dichlorophenol	10.62	162	133846	39.596	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	149350	39.842	ng	99
31) Naphthalene	11.04	128	407588	40.072	ng	99
32) Benzoic acid	10.24	122	87775	43.123	ng	94
33) 4-Chloroaniline	11.14	127	179165	39.728	ng	98
34) Hexachlorobutadiene	11.30	225	114093	41.227	ng	97
35) Caprolactam	11.93	113	56470	42.313	ng	94
36) 4-Chloro-3-methylphenol	12.24	107	176479	41.385	ng	98
37) 2-Methylnaphthalene	12.63	142	305241	40.137	ng	100
38) 1-Methylnaphthalene	12.85	142	300535	40.430	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	204918	40.937	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	113066	38.278	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	125674	41.545	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	135618	41.155	ng		96
46) 1,1'-Biphenyl	13.63	154	423518	40.595	ng		97
47) 2-Chloronaphthalene	13.68	162	333548	40.853	ng		98
48) 2-Nitroaniline	13.88	65	128190	44.108	ng		98
49) Acenaphthylene	14.52	152	563752	40.697	ng		99
50) Dimethylphthalate	14.24	163	452662	40.263	ng		99
51) 2,6-Dinitrotoluene	14.36	165	95520	43.532	ng		95
52) Acenaphthene	14.85	154	343492	42.580	ng		99
53) 3-Nitroaniline	14.69	138	96415	42.885	ng		96
54) 2,4-Dinitrophenol	14.89	184	48882	43.051	ng		88
55) Dibenzofuran	15.19	168	538633	40.765	ng		99
56) 4-Nitrophenol	14.97	139	84649	43.421	ng		94
57) 2,4-Dinitrotoluene	15.14	165	130621	43.809	ng		97
58) Fluorene	15.83	166	435974	40.822	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.40	232	137130	41.345	ng		98
60) Diethylphthalate	15.59	149	486450	41.009	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	254797	41.021	ng		96
62) 4-Nitroaniline	15.86	138	107939	42.919	ng		95
63) Azobenzene	16.11	77	502225	41.112	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	68678	42.730	ng		95
66) n-Nitrosodiphenylamine	16.04	169	396724	40.453	ng		96
67) 4-Bromophenyl-phenylether	16.72	248	168575	40.592	ng		93
68) Hexachlorobenzene	16.83	284	176749	41.161	ng		99
69) Atrazine	16.98	200	160594	41.331	ng		98
70) Pentachlorophenol	17.17	266	108428	43.151	ng		97
71) Phenanthrene	17.58	178	728347	40.567	ng		99
72) Anthracene	17.67	178	728118	40.345	ng		99
73) Carbazole	17.94	167	665352	40.466	ng		99
74) Di-n-butylphthalate	18.48	149	812222	40.927	ng		99
75) Fluoranthene	19.58	202	917969	41.028	ng		100
77) Benzidine	19.76	184	379621	38.461	ng		98
78) Pyrene	19.94	202	930083	41.166	ng		99
80) Butylbenzylphthalate	20.81	149	353844	40.183	ng		98
81) Benzo(a)anthracene	21.80	228	923887	40.552	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	326058	40.153	ng		99
83) Chrysene	21.87	228	879846	40.608	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	513481	40.395	ng		99
85) Di-n-octyl phthalate	22.96	149	865560	40.432	ng		98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1043858	39.847	ng	#	92
88) Benzo(b)fluoranthene	24.12	252	895380	40.500	ng		99
89) Benzo(k)fluoranthene	24.19	252	839559	40.663	ng		97
90) Benzo(a)pyrene	25.03	252	855557	40.883	ng		98
91) Dibenzo(a,h)anthracene	29.16	278	848946	40.087	ng		97
92) Benzo(g,h,i)perylene	30.32	276	842991	39.997	ng		96

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

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