Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042327.D
Acq On : 19 Aug 2019 14:42
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG081919

Quant Time: Aug 19 16:06:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55569	20.00	ng		0.02
21) Naphthalene-d8	10.84	136	235122	20.00	ng		0.01
39) Acenaphthene-d10	14.67	164	174418	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	386577	20.00	ng		0.00
76) Chrysene-d12	21.70	240	385192	20.00	ng		0.00
87) Perylene-d12	24.94	264	466542	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	237328	86.53	ng		0.01
7) Phenol-d6	7.18	99	321358	86.27	ng		0.02
23) Nitrobenzene-d5	9.19	82	278560	83.33	ng		0.01
42) 2,4,6-Tribromophenol	16.16	330	198077	83.38	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	863837	83.81	ng		0.00
79) Terphenyl-d14	20.03	244	1447938	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	47998	40.581	ng		97
3) Pyridine	3.84	79	126375	41.712	ng		97
4) n-Nitrosodimethylamine	3.75	42	44076	42.256	ng		95
6) Aniline	7.34	93	199862	40.656	ng		100
8) 2-Chlorophenol	7.58	128	141731	42.508	ng		98
9) Benzaldehyde	7.15	77	82843	39.539	ng		99
10) Phenol	7.21	94	162858	43.005	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	126742	42.372	ng		99
12) 1,3-Dichlorobenzene	7.91	146	175371	41.327	ng		98
13) 1,4-Dichlorobenzene	8.06	146	174699	40.874	ng		99
14) 1,2-Dichlorobenzene	8.38	146	167656	41.104	ng		100
15) Benzyl Alcohol	8.26	79	110571	43.162	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	166711	40.417	ng		98
17) 2-Methylphenol	8.47	107	117219	41.862	ng		99
18) Hexachloroethane	9.11	117	59353	40.406	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	102485	42.776	ng		99
20) 3+4-Methylphenols	8.80	107	164031	42.343	ng		99
22) Acetophenone	8.85	105	210042	42.043	ng	#	98
24) Nitrobenzene	9.23	77	143902	42.246	ng		97
25) Isophorone	9.76	82	281400	42.096	ng		99
26) 2-Nitrophenol	9.94	139	91586	43.251	ng		99
27) 2,4-Dimethylphenol	10.01	122	122533	41.711	ng		99
28) bis(2-Chloroethoxy)methane	10.24	93	183327	42.576	ng		99
29) 2,4-Dichlorophenol	10.49	162	165877	42.467	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	194591	40.756	ng		99
31) Naphthalene	10.89	128	458999	42.126	ng		99
32) Benzoic acid	10.16	122	79581	39.007	ng		96
33) 4-Chloroaniline	11.00	127	205315	41.322	ng		99
34) Hexachlorobutadiene	11.18	225	131323	41.043	ng		96
35) Caprolactam	11.77	113	52091	41.843	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	156071	42.748	ng		97
37) 2-Methylnaphthalene	12.50	142	368117	42.146	ng		99
38) 1-Methylnaphthalene	12.72	142	353994	42.548	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	230365	40.976	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111394	37.963 ng	98
43) 2,4,6-Trichlorophenol	13.11	196	150858	40.092 ng	98
44) 2,4,5-Trichlorophenol	13.18	196	159452	41.143 ng	99
46) 1,1'-Biphenyl	13.51	154	472608	41.532 ng	100
47) 2-Chloronaphthalene	13.55	162	400523	41.286 ng	100
48) 2-Nitroaniline	13.75	65	94465	41.201 ng	97
49) Acenaphthylene	14.39	152	620702	42.561 ng	99
50) Dimethylphthalate	14.12	163	515668	41.607 ng	100
51) 2,6-Dinitrotoluene	14.24	165	121425	41.861 ng	98
52) Acenaphthene	14.74	154	369453	41.528 ng	98
53) 3-Nitroaniline	14.57	138	115656	40.551 ng	100
54) 2,4-Dinitrophenol	14.79	184	68693	40.169 ng	97
55) Dibenzofuran	15.07	168	612471	42.265 ng	99
56) 4-Nitrophenol	14.89	139	90424	43.946 ng	98
57) 2,4-Dinitrotoluene	15.03	165	170992	42.163 ng	97
58) Fluorene	15.72	166	497460	42.199 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	152420m	40.494 ng	
60) Diethylphthalate	15.49	149	498279	41.556 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	293895	41.516 ng	99
62) 4-Nitroaniline	15.74	138	124832	41.418 ng	98
63) Azobenzene	16.01	77	347400	41.575 ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	103781	43.999 ng	97
66) n-Nitrosodiphenylamine	15.93	169	455893	42.145 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	202094	41.080 ng	100
68) Hexachlorobenzene	16.74	284	217825	41.335 ng	98
69) Atrazine	16.87	200	153224	41.325 ng	98
70) Pentachlorophenol	17.08	266	118060	42.087 ng	98
71) Phenanthrene	17.47	178	817238	42.447 ng	99
72) Anthracene	17.56	178	818592	42.631 ng	99
73) Carbazole	17.82	167	726024	42.564 ng	100
74) Di-n-butylphthalate	18.38	149	847946	42.617 ng	100
75) Fluoranthene	19.47	202	1006870	43.368 ng	100
77) Benzidine	19.65	184	436668	42.756 ng	98
78) Pyrene	19.84	202	1005889	42.440 ng	100
80) Butylbenzylphthalate	20.72	149	391815	41.711 ng	97
81) Benzo(a)anthracene	21.68	228	997079	42.151 ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	389820	41.403 ng	97
83) Chrysene	21.75	228	971826	42.947 ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	549588	41.961 ng	99
85) Di-n-octyl phthalate	22.81	149	939481	42.052 ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1256314	41.581 ng	100
88) Benzo(b)fluoranthene	23.92	252	1085053	42.313 ng	98
89) Benzo(k)fluoranthene	23.99	252	1027395	40.986 ng	99
90) Benzo(a)pyrene	24.79	252	1027549	41.818 ng	99
91) Dibenzo(a,h)anthracene	28.73	278	1016211	41.455 ng	98
92) Benzo(g,h,i)perylene	29.82	276	1014720	41.540 ng	99

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

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