Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
Data File : BG040943.D
Acq On : 29 May 2019 18:42
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG052919

Quant Time: May 29 19:18:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57326	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	240359	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	181077	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	441730	20.00	ng		0.00
76) Chrysene-d12	21.79	240	443191	20.00	ng		0.00
87) Perylene-d12	25.13	264	486189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	259903	81.75	ng		0.00
7) Phenol-d6	7.27	99	385828	78.58	ng		0.00
23) Nitrobenzene-d5	9.31	82	447305	82.62	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	218788	81.39	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1032561	82.12	ng		0.00
79) Terphenyl-d14	20.10	244	1740051	83.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	60095	41.657	ng		95
3) Pyridine	3.94	79	181299	42.472	ng		96
4) n-Nitrosodimethylamine	3.86	42	82528	41.657	ng		96
6) Aniline	7.45	93	266228	40.624	ng		99
8) 2-Chlorophenol	7.68	128	151333	39.929	ng		97
9) Benzaldehyde	7.27	77	122724	41.902	ng		90
10) Phenol	7.30	94	206137	39.158	ng		96
11) bis(2-Chloroethyl)ether	7.54	93	152355	39.894	ng		99
12) 1,3-Dichlorobenzene	8.01	146	186203	41.134	ng		91
13) 1,4-Dichlorobenzene	8.17	146	187295	40.876	ng		96
14) 1,2-Dichlorobenzene	8.48	146	180386	40.546	ng		98
15) Benzyl Alcohol	8.37	79	180415	39.724	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	255267	40.905	ng		99
17) 2-Methylphenol	8.56	107	148212	38.885	ng		98
18) Hexachloroethane	9.22	117	72526	41.068	ng		99
19) n-Nitroso-di-n-propylamine	8.94	70	150557	39.847	ng		97
20) 3+4-Methylphenols	8.89	107	204064	38.650	ng		98
22) Acetophenone	8.96	105	274920	40.774	ng	#	99
24) Nitrobenzene	9.35	77	225614	40.890	ng		97
25) Isophorone	9.86	82	423426	41.094	ng		99
26) 2-Nitrophenol	10.06	139	94884	41.714	ng		93
27) 2,4-Dimethylphenol	10.10	122	154982	41.255	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	226877	40.796	ng		99
29) 2,4-Dichlorophenol	10.59	162	187399	39.282	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	219689	40.481	ng		97
31) Naphthalene	11.00	128	528876	40.982	ng		98
32) Benzoic acid	10.23	122	114867	40.793	ng		95
33) 4-Chloroaniline	11.11	127	236579	39.510	ng		95
34) Hexachlorobutadiene	11.27	225	172382	41.513	ng		97
35) Caprolactam	11.90	113	63882	40.551	ng		95
36) 4-Chloro-3-methylphenol	12.21	107	215322	39.521	ng		96
37) 2-Methylnaphthalene	12.60	142	394363	39.677	ng		97
38) 1-Methylnaphthalene	12.81	142	378397	40.401	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	290710	39.832	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	146166	41.657 ng		99
43) 2,4,6-Trichlorophenol	13.20	196	192173	40.702 ng		99
44) 2,4,5-Trichlorophenol	13.27	196	199639	40.093 ng		98
46) 1,1'-Biphenyl	13.59	154	546383	40.764 ng		98
47) 2-Chloronaphthalene	13.64	162	461507	40.107 ng		97
48) 2-Nitroaniline	13.85	65	173031	41.916 ng		96
49) Acenaphthylene	14.49	152	698015	40.305 ng		100
50) Dimethylphthalate	14.21	163	614570	40.094 ng		100
51) 2,6-Dinitrotoluene	14.34	165	132076	39.964 ng		97
52) Acenaphthene	14.82	154	418319	39.872 ng		99
53) 3-Nitroaniline	14.67	138	134943	40.833 ng		99
54) 2,4-Dinitrophenol	14.87	184	62537	46.079 ng		95
55) Dibenzofuran	15.16	168	710805	40.264 ng		98
56) 4-Nitrophenol	14.96	139	94186	41.550 ng		90
57) 2,4-Dinitrotoluene	15.12	165	190790	40.868 ng	#	97
58) Fluorene	15.80	166	559772	39.816 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	198509	40.566 ng		98
60) Diethylphthalate	15.56	149	618592	39.545 ng		99
61) 4-Chlorophenyl-phenylether	15.79	204	363649	39.795 ng		100
62) 4-Nitroaniline	15.83	138	141979	40.580 ng		97
63) Azobenzene	16.08	77	572409	40.260 ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	99869	43.231 ng		98
66) n-Nitrosodiphenylamine	16.00	169	512031	41.234 ng		99
67) 4-Bromophenyl-phenylether	16.69	248	245459	41.175 ng		98
68) Hexachlorobenzene	16.80	284	255168	40.197 ng		99
69) Atrazine	16.94	200	209441	43.712 ng		98
70) Pentachlorophenol	17.14	266	133931	41.546 ng		95
71) Phenanthrene	17.54	178	955028	41.507 ng		99
72) Anthracene	17.64	178	944634	41.626 ng		99
73) Carbazole	17.91	167	812934	41.750 ng		99
74) Di-n-butylphthalate	18.44	149	999798	41.312 ng		99
75) Fluoranthene	19.55	202	1200195	42.231 ng		99
77) Benzidine	19.73	184	469968	44.452 ng		99
78) Pyrene	19.91	202	1193058	41.411 ng		100
80) Butylbenzylphthalate	20.77	149	456693	40.733 ng		97
81) Benzo(a)anthracene	21.76	228	1215798	41.211 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	435157	41.937 ng		99
83) Chrysene	21.83	228	1179012	41.762 ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	644089	40.809 ng		98
85) Di-n-octyl phthalate	22.88	149	1093319	41.594 ng		100
86) Indeno(1,2,3-cd)pyrene	28.97	276	1410276	40.779 ng	#	98
88) Benzo(b)fluoranthene	24.06	252	1204453	40.844 ng		98
89) Benzo(k)fluoranthene	24.13	252	1205481	41.310 ng		98
90) Benzo(a)pyrene	24.97	252	1151403	40.925 ng		96
91) Dibenzo(a,h)anthracene	29.04	278	1156666	41.144 ng		98
92) Benzo(g,h,i)perylene	30.18	276	1106130	40.500 ng		99

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

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