Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033239.D
Acq On : 19 Mar 2018 14:04
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG031918

Quant Time: Mar 19 16:57:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	35314	20.00	ng		0.02
21) Naphthalene-d8	11.80	136	152552	20.00	ng		0.01
38) Acenaphthene-d10	15.52	164	117618	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	305367	20.00	ng		0.00
75) Chrysene-d12	22.61	240	309516	20.00	ng		0.00
86) Perylene-d12	26.41	264	322247	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	152705	81.08	ng		0.02
7) Phenol-d6	8.02	99	246757	76.26	ng		0.02
23) Nitrobenzene-d5	10.12	82	259752	78.23	ng		0.02
41) 2,4,6-Tribromophenol	17.00	330	139801	79.47	ng		0.01
44) 2-Fluorobiphenyl	14.15	172	631353	77.49	ng		0.01
78) Terphenyl-d14	20.76	244	1146665	79.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	37062	38.751	ng		91
3) Pyridine	4.43	79	105274	39.818	ng		97
4) n-Nitrosodimethylamine	4.33	42	39256	36.181	ng	#	82
6) Aniline	8.21	93	150671	39.594	ng		95
8) 2-Chlorophenol	8.46	128	85668	39.790	ng		94
9) Benzaldehyde	8.02	77	77200	37.541	ng		98
10) Phenol	8.05	94	123573	38.679	ng		93
11) bis(2-Chloroethyl)ether	8.29	93	95693	36.696	ng		94
12) 1,3-Dichlorobenzene	8.80	146	106823	37.950	ng		91
13) 1,4-Dichlorobenzene	8.95	146	105707	37.498	ng		92
14) 1,2-Dichlorobenzene	9.28	146	109337	39.739	ng		98
15) Benzyl Alcohol	9.15	79	99885	39.206	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.43	45	164615	38.723	ng		86
17) 2-Methylphenol	9.35	107	83359	38.301	ng	#	85
18) Hexachloroethane	10.03	117	42122	38.715	ng		95
19) n-Nitroso-di-n-propylamine	9.72	70	94821	39.990	ng		97
20) 3+4-Methylphenols	9.68	107	124824	40.282	ng		96
22) Acetophenone	9.76	105	171150	40.951	ng	#	98
24) Nitrobenzene	10.16	77	139115	39.143	ng	#	95
25) Isophorone	10.67	82	259632	40.288	ng		98
26) 2-Nitrophenol	10.89	139	54867	40.777	ng	#	86
27) 2,4-Dimethylphenol	10.91	122	76787	39.284	ng		95
28) bis(2-Chloroethoxy)methane	11.16	93	126420	39.317	ng		95
29) 2,4-Dichlorophenol	11.43	162	95687	39.806	ng		97
30) 1,2,4-Trichlorobenzene	11.65	180	122549	39.239	ng		97
31) Naphthalene	11.85	128	311896	39.454	ng		99
32) Benzoic acid	11.04	122	71459	39.327	ng		95
33) 4-Chloroaniline	11.94	127	133820	37.784	ng	#	91
34) Hexachlorobutadiene	12.10	225	92641	39.224	ng		98
35) Caprolactam	12.68	113	39695	42.151	ng		87
36) 4-Chloro-3-methylphenol	13.00	107	125749	40.108	ng		99
37) 2-Methylnaphthalene	13.39	142	241236	39.316	ng		88
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	164792	38.680	ng		98
40) Hexachlorocyclopentadiene	13.72	237	96111	38.482	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	96119	38.831	ng		98
43) 2,4,5-Trichlorophenol	14.05	196	119919	40.986	ng		98
45) 1,1'-Biphenyl	14.36	154	352272	38.984	ng		95
46) 2-Chloronaphthalene	14.42	162	271527	38.971	ng		97
47) 2-Nitroaniline	14.61	65	110407	42.306	ng		94
48) Acenaphthylene	15.25	152	457242	39.316	ng		99
49) Dimethylphthalate	14.95	163	404083	39.477	ng		99
50) 2,6-Dinitrotoluene	15.08	165	86051	41.114	ng		96
51) Acenaphthene	15.59	154	301582	40.226	ng		96
52) 3-Nitroaniline	15.42	138	88050	40.127	ng	#	93
53) 2,4-Dinitrophenol	15.62	184	36636	38.215	ng		91
54) Dibenzofuran	15.92	168	430129	38.840	ng		93
55) 4-Nitrophenol	15.70	139	65069	42.172	ng		89
56) 2,4-Dinitrotoluene	15.86	165	129089	41.889	ng		85
57) Fluorene	16.56	166	374406	39.685	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	112322	40.779	ng		97
59) Diethylphthalate	16.28	149	397504	39.993	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	210037	38.728	ng		100
61) 4-Nitroaniline	16.57	138	93285	41.981	ng		84
62) Azobenzene	16.82	77	388349	40.335	ng		99
64) 4,6-Dinitro-2-methylphenol	16.61	198	75041	41.078	ng		92
65) n-Nitrosodiphenylamine	16.74	169	348383	39.962	ng		93
66) 4-Bromophenyl-phenylether	17.43	248	141649	39.498	ng		98
67) Hexachlorobenzene	17.55	284	150790	39.841	ng		97
68) Atrazine	17.66	200	142387	40.306	ng		98
69) Pentachlorophenol	17.89	266	103549	39.862	ng		98
70) Phenanthrene	18.29	178	631511	39.709	ng		98
71) Anthracene	18.38	178	641602	39.844	ng		100
72) Carbazole	18.64	167	579137	40.586	ng		96
73) Di-n-butylphthalate	19.13	149	672635	40.499	ng	#	98
74) Fluoranthene	20.25	202	790466	40.165	ng		97
76) Benzidine	20.40	184	350737	41.786	ng	#	96
77) Pyrene	20.60	202	819169	39.683	ng		99
79) Butylbenzylphthalate	21.46	149	303065	39.784	ng		97
80) Benzo(a)anthracene	22.58	228	777677	39.459	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	278153	39.661	ng		100
82) Chrysene	22.66	228	742087	38.897	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	416153	39.630	ng		100
84) Di-n-octyl phthalate	23.81	149	639324	39.763	ng		98
85) Indeno(1,2,3-cd)pyrene	30.83	276	819160	39.713	ng	#	85
87) Benzo(b)fluoranthene	25.18	252	722754	38.821	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	741642	39.387	ng	#	97
89) Benzo(a)pyrene	26.23	252	708269	39.614	ng	#	97
90) Dibenzo(a,h)anthracene	30.91	278	676103	40.145	ng	#	96
91) Benzo(g,h,i)perylene	32.22	276	659849	39.566	ng	#	96

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

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