Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041254.D
Acq On : 14 Jun 2019 15:31
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG061419

Quant Time: Jun 14 16:11:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 15:26:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57016	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	252531	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	175371	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	420641	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	407918	20.00	ng		0.00
87) Perylene-d12	25.07	264	366426	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	248111	80.18	ng		-0.01
7) Phenol-d6	7.24	99	397919	84.12	ng		0.00
23) Nitrobenzene-d5	9.27	82	469214	80.64	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	207619	85.58	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	1037343	78.30	ng		0.00
79) Terphenyl-d14	20.07	244	1639575	78.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	50243	38.949	ng		98
3) Pyridine	3.89	79	151442	40.186	ng		98
4) n-Nitrosodimethylamine	3.82	42	82103	41.880	ng		88
6) Aniline	7.42	93	258127	41.831	ng		100
8) 2-Chlorophenol	7.65	128	155388	40.588	ng		97
9) Benzaldehyde	7.23	77	127719	42.456	ng		88
10) Phenol	7.27	94	208197	40.990	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	153018	41.132	ng		98
12) 1,3-Dichlorobenzene	7.98	146	187433	40.739	ng		95
13) 1,4-Dichlorobenzene	8.13	146	191399	40.904	ng		96
14) 1,2-Dichlorobenzene	8.45	146	181928	40.588	ng		99
15) Benzyl Alcohol	8.33	79	182174	41.842	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	247902	41.636	ng		98
17) 2-Methylphenol	8.53	107	151048	41.164	ng		98
18) Hexachloroethane	9.17	117	75290	41.064	ng		99
19) n-Nitroso-di-n-propylamine	8.90	70	153850	42.492	ng		98
20) 3+4-Methylphenols	8.86	107	209602	41.499	ng		97
22) Acetophenone	8.92	105	284968	40.775	ng	#	98
24) Nitrobenzene	9.32	77	238032	40.800	ng		99
25) Isophorone	9.83	82	419902	40.940	ng		98
26) 2-Nitrophenol	10.02	139	101550	41.134	ng		93
27) 2,4-Dimethylphenol	10.07	122	152589	40.660	ng		94
28) bis(2-Chloroethoxy)methane	10.31	93	229125	41.267	ng		98
29) 2,4-Dichlorophenol	10.56	162	193683	40.320	ng		96
30) 1,2,4-Trichlorobenzene	10.77	180	238260	41.079	ng		94
31) Naphthalene	10.97	128	546259	40.800	ng		99
32) Benzoic acid	10.23	122	77401	53.694	ng		94
33) 4-Chloroaniline	11.08	127	242107	41.407	ng		96
34) Hexachlorobutadiene	11.23	225	180881	40.478	ng		97
35) Caprolactam	11.89	113	57989	42.303	ng		96
36) 4-Chloro-3-methylphenol	12.19	107	212687	41.830	ng		96
37) 2-Methylnaphthalene	12.56	142	408659	40.696	ng		99
38) 1-Methylnaphthalene	12.78	142	385156	40.671	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	304443	39.898	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	157789	44.129	ng		93
43) 2,4,6-Trichlorophenol	13.16	196	191143	41.631	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	190970	41.599	ng		98
46) 1,1'-Biphenyl	13.56	154	549260	40.501	ng		100
47) 2-Chloronaphthalene	13.61	162	472258	39.891	ng		98
48) 2-Nitroaniline	13.82	65	163849	40.039	ng		96
49) Acenaphthylene	14.46	152	672344	39.580	ng		98
50) Dimethylphthalate	14.18	163	600069	40.596	ng		99
51) 2,6-Dinitrotoluene	14.31	165	129667	40.887	ng		100
52) Acenaphthene	14.79	154	405824	39.908	ng		98
53) 3-Nitroaniline	14.65	138	129840	42.372	ng		99
54) 2,4-Dinitrophenol	14.85	184	39312	55.962	ng		99
55) Dibenzofuran	15.13	168	690527	40.128	ng		100
56) 4-Nitrophenol	14.94	139	76853	42.830	ng		88
57) 2,4-Dinitrotoluene	15.10	165	180198	40.957	ng	#	96
58) Fluorene	15.77	166	539214	40.358	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	184866	43.900	ng		100
60) Diethylphthalate	15.53	149	600659	41.146	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	355619	40.647	ng		97
62) 4-Nitroaniline	15.81	138	131245	42.038	ng		97
63) Azobenzene	16.05	77	531461	40.395	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	82267	49.921	ng		99
66) n-Nitrosodiphenylamine	15.98	169	473225	40.448	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	230103	41.297	ng		97
68) Hexachlorobenzene	16.77	284	243149	40.136	ng		97
69) Atrazine	16.92	200	175582	42.365	ng		99
70) Pentachlorophenol	17.12	266	109244	45.976	ng		98
71) Phenanthrene	17.52	178	870103	39.268	ng		97
72) Anthracene	17.61	178	872754	39.739	ng		99
73) Carbazole	17.88	167	747416	39.854	ng		100
74) Di-n-butylphthalate	18.41	149	935690	40.159	ng		97
75) Fluoranthene	19.52	202	1111937	39.464	ng		100
77) Benzidine	19.70	184	294291	46.468	ng		99
78) Pyrene	19.88	202	1120538	40.016	ng		99
80) Butylbenzylphthalate	20.74	149	436670	40.731	ng		100
81) Benzo(a)anthracene	21.73	228	1109213	41.121	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	368970	44.477	ng		98
83) Chrysene	21.80	228	1101335	41.307	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	603071	40.397	ng		100
85) Di-n-octyl phthalate	22.83	149	1014115	40.919	ng		100
86) Indeno(1,2,3-cd)pyrene	28.87	276	711247	44.430	ng	#	93
88) Benzo(b)fluoranthene	24.01	252	920955	41.139	ng		99
89) Benzo(k)fluoranthene	24.07	252	1056456	39.528	ng		99
90) Benzo(a)pyrene	24.92	252	901447	41.333	ng		95
91) Dibenzo(a,h)anthracene	28.94	278	547000	43.712	ng		96
92) Benzo(g,h,i)perylene	30.07	276	511472	47.511	ng		98

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

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