Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041382.D
Acq On : 21 Jun 2019 18:41
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 22 01:04:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25925	20.00	ng		-0.03
21) Naphthalene-d8	10.88	136	110100	20.00	ng		-0.03
39) Acenaphthene-d10	14.70	164	80980	20.00	ng		-0.02
64) Phenanthrene-d10	17.44	188	214776	20.00	ng		-0.02
76) Chrysene-d12	21.72	240	205999	20.00	ng		-0.02
87) Perylene-d12	25.01	264	217124	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	105631	74.87	ng		-0.03
7) Phenol-d6	7.21	99	163120	79.76	ng		-0.02
23) Nitrobenzene-d5	9.23	82	208948	79.81	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	97273	78.24	ng		-0.02
45) 2-Fluorobiphenyl	13.32	172	490101	82.26	ng		-0.02
79) Terphenyl-d14	20.04	244	923655	88.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	26354	37.249	ng		100
3) Pyridine	3.85	79	67090	35.745	ng		93
4) n-Nitrosodimethylamine	3.78	42	35473	35.440	ng		94
6) Aniline	7.38	93	112307	39.506	ng		98
8) 2-Chlorophenol	7.62	128	65611	39.575	ng		99
9) Benzaldehyde	7.20	77	48748	37.266	ng		91
10) Phenol	7.24	94	86069	39.135	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	64059	38.388	ng		96
12) 1,3-Dichlorobenzene	7.94	146	80889	38.967	ng		95
13) 1,4-Dichlorobenzene	8.09	146	80929	38.166	ng		94
14) 1,2-Dichlorobenzene	8.41	146	79418	39.213	ng		94
15) Benzyl Alcohol	8.30	79	68306	34.859	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	102659	37.580	ng		98
17) 2-Methylphenol	8.50	107	62507	39.754	ng		93
18) Hexachloroethane	9.13	117	31934	38.004	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	66776	40.369	ng		97
20) 3+4-Methylphenols	8.83	107	86564	41.356	ng		93
22) Acetophenone	8.89	105	120823	37.711	ng	#	97
24) Nitrobenzene	9.28	77	99782	37.898	ng		99
25) Isophorone	9.79	82	187217	38.980	ng		100
26) 2-Nitrophenol	9.99	139	42740	40.040	ng		96
27) 2,4-Dimethylphenol	10.04	122	59950	37.468	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	97221	38.849	ng		99
29) 2,4-Dichlorophenol	10.53	162	80466	40.559	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	95758	37.687	ng		100
31) Naphthalene	10.93	128	229800	38.404	ng		99
32) Benzoic acid	10.19	122	43770	42.023	ng		95
33) 4-Chloroaniline	11.04	127	102004	40.138	ng		93
34) Hexachlorobutadiene	11.18	225	74138	36.759	ng		98
35) Caprolactam	11.84	113	27705	40.564	ng		97
36) 4-Chloro-3-methylphenol	12.16	107	91594	39.970	ng		96
37) 2-Methylnaphthalene	12.53	142	170264	38.633	ng		98
38) 1-Methylnaphthalene	12.75	142	164426	38.995	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	126560	37.848	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	80760	35.855 ng		99
43) 2,4,6-Trichlorophenol	13.14	196	82090	39.684 ng		99
44) 2,4,5-Trichlorophenol	13.21	196	85266	40.060 ng		99
46) 1,1'-Biphenyl	13.53	154	237079	38.725 ng		99
47) 2-Chloronaphthalene	13.58	162	206001	39.084 ng		99
48) 2-Nitroaniline	13.79	65	75623	39.176 ng		92
49) Acenaphthylene	14.42	152	310921	38.874 ng		100
50) Dimethylphthalate	14.15	163	279541	38.797 ng		99
51) 2,6-Dinitrotoluene	14.28	165	59319	39.045 ng		96
52) Acenaphthene	14.76	154	184927	39.375 ng		95
53) 3-Nitroaniline	14.62	138	60292	40.280 ng		98
54) 2,4-Dinitrophenol	14.83	184	39174	38.534 ng		87
55) Dibenzofuran	15.09	168	319368	39.110 ng		98
56) 4-Nitrophenol	14.92	139	41161	37.958 ng		98
57) 2,4-Dinitrotoluene	15.07	165	87826	39.546 ng		94
58) Fluorene	15.74	166	253463	39.458 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	86589	39.340 ng		99
60) Diethylphthalate	15.50	149	290968	39.730 ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	164027	39.247 ng		98
62) 4-Nitroaniline	15.78	138	64322	40.178 ng		95
63) Azobenzene	16.02	77	252560	38.656 ng		99
65) 4,6-Dinitro-2-methylphenol	15.83	198	56791	40.738 ng		94
66) n-Nitrosodiphenylamine	15.94	169	226999	39.805 ng		99
67) 4-Bromophenyl-phenylether	16.62	248	106974	38.520 ng		97
68) Hexachlorobenzene	16.74	284	114247	38.417 ng		97
69) Atrazine	16.89	200	83691	38.691 ng		98
70) Pentachlorophenol	17.09	266	59909	39.342 ng		99
71) Phenanthrene	17.48	178	447027	39.025 ng		98
72) Anthracene	17.58	178	442408	39.176 ng		99
73) Carbazole	17.85	167	387433	39.219 ng		99
74) Di-n-butylphthalate	18.38	149	493311	40.021 ng		99
75) Fluoranthene	19.49	202	573485	37.685 ng		99
77) Benzidine	19.67	184	224673	45.091 ng		99
78) Pyrene	19.86	202	571588	41.143 ng		99
80) Butylbenzylphthalate	20.71	149	211187	40.189 ng		95
81) Benzo(a)anthracene	21.70	228	546451	39.178 ng		100
82) 3,3'-Dichlorobenzidine	21.61	252	200055	40.859 ng		99
83) Chrysene	21.77	228	527747	39.345 ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	286353	39.986 ng		97
85) Di-n-octyl phthalate	22.79	149	474889	39.196 ng		100
86) Indeno(1,2,3-cd)pyrene	28.81	276	607218	38.156 ng	#	98
88) Benzo(b)fluoranthene	23.96	252	517451	38.455 ng		100
89) Benzo(k)fluoranthene	24.03	252	505172	37.897 ng		99
90) Benzo(a)pyrene	24.86	252	489769	38.540 ng		99
91) Dibenzo(a,h)anthracene	28.87	278	492184	38.470 ng		98
92) Benzo(g,h,i)perylene	30.00	276	488194	38.612 ng		98

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

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