Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040994.D
Acq On : 1 Jun 2019 2:51
Operator : HP/JU
Sample : PB120101BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120101BS

Quant Time: Jun 01 05:18:59 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	8.12	152	21958	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	82160	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	58979	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	152166	20.00	ng		0.00
76) Chrysene-d12	21.77	240	158995	20.00	ng		-0.01
87) Perylene-d12	25.11	264	162218	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	217526	178.63	ng		0.00
7) Phenol-d6	7.26	99	310445	165.07	ng		0.00
23) Nitrobenzene-d5	9.30	82	183178	98.98	ng		-0.01
42) 2,4,6-Tribromophenol	16.24	330	151266	172.76	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	406147	99.17	ng		-0.01
79) Terphenyl-d14	20.09	244	797612	106.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	48709	88.149	ng		93
3) Pyridine	3.92	79	126685	77.480	ng		96
4) n-Nitrosodimethylamine	3.84	42	71721	94.513	ng		88
6) Aniline	7.44	93	144939	57.739	ng		98
8) 2-Chlorophenol	7.68	128	141853	97.712	ng		97
9) Benzaldehyde	7.26	77	60246	53.702	ng		87
10) Phenol	7.29	94	190356	94.403	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	128144	87.601	ng		97
12) 1,3-Dichlorobenzene	8.01	146	152216	87.788	ng		93
13) 1,4-Dichlorobenzene	8.16	146	153992	87.740	ng		97
14) 1,2-Dichlorobenzene	8.48	146	145529	85.399	ng		98
15) Benzyl Alcohol	8.36	79	152248	87.516	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	205185	85.840	ng		99
17) 2-Methylphenol	8.55	107	128534	88.038	ng		97
18) Hexachloroethane	9.20	117	59353	87.742	ng		91
19) n-Nitroso-di-n-propylamine	8.93	70	122208	84.441	ng		98
20) 3+4-Methylphenols	8.88	107	173549	85.815	ng		98
22) Acetophenone	8.95	105	231417	100.410	ng		99
24) Nitrobenzene	9.34	77	187169	99.239	ng		97
25) Isophorone	9.85	82	336881	95.649	ng		99
26) 2-Nitrophenol	10.05	139	79706	102.513	ng		94
27) 2,4-Dimethylphenol	10.09	122	141049	109.841	ng		90
28) bis(2-Chloroethoxy)methane	10.34	93	177683	93.471	ng		98
29) 2,4-Dichlorophenol	10.58	162	158406	97.141	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	173829	93.706	ng		94
31) Naphthalene	10.99	128	430730	97.644	ng		98
32) Benzoic acid	10.22	122	75838	71.218	ng		96
33) 4-Chloroaniline	11.10	127	105750	51.667	ng		97
34) Hexachlorobutadiene	11.26	225	130671	92.061	ng		95
35) Caprolactam	11.88	113	49136	91.248	ng		88
36) 4-Chloro-3-methylphenol	12.20	107	176168	94.595	ng		97
37) 2-Methylnaphthalene	12.59	142	321241	94.553	ng		98
38) 1-Methylnaphthalene	12.81	142	299605	93.581	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	231924	97.563	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	313415	228.256	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	151407	98.456	ng		95
44) 2,4,5-Trichlorophenol	13.26	196	160545	98.989	ng		97
46) 1,1'-Biphenyl	13.58	154	433806	99.366	ng		100
47) 2-Chloronaphthalene	13.64	162	352919	94.164	ng		97
48) 2-Nitroaniline	13.84	65	131009	97.436	ng		97
49) Acenaphthylene	14.48	152	560163	99.305	ng		99
50) Dimethylphthalate	14.20	163	476711	95.484	ng		99
51) 2,6-Dinitrotoluene	14.33	165	105408	97.922	ng		99
52) Acenaphthene	14.82	154	330210	96.632	ng		98
53) 3-Nitroaniline	14.66	138	74444	69.160	ng	#	95
54) 2,4-Dinitrophenol	14.87	184	114967	150.760	ng		93
55) Dibenzofuran	15.15	168	568105	98.802	ng		99
56) 4-Nitrophenol	14.95	139	162013	219.435	ng		87
57) 2,4-Dinitrotoluene	15.11	165	153162	100.727	ng		97
58) Fluorene	15.79	166	445769	97.347	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	170549	107.004	ng		98
60) Diethylphthalate	15.55	149	484737	95.138	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	284114	95.456	ng		96
62) 4-Nitroaniline	15.82	138	107156	94.032	ng		97
63) Azobenzene	16.08	77	454708	98.191	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	85030	94.209	ng		94
66) n-Nitrosodiphenylamine	16.00	169	414677	96.942	ng		96
67) 4-Bromophenyl-phenylether	16.67	248	184341	89.767	ng		94
68) Hexachlorobenzene	16.79	284	192243	87.915	ng		96
69) Atrazine	16.94	200	178337	108.049	ng		96
70) Pentachlorophenol	17.13	266	229037	189.376	ng		98
71) Phenanthrene	17.54	178	781550	98.605	ng		98
72) Anthracene	17.63	178	797190	101.978	ng		99
73) Carbazole	17.90	167	696048	103.771	ng		99
74) Di-n-butylphthalate	18.43	149	820497	98.420	ng		99
75) Fluoranthene	19.54	202	1017208	103.902	ng		100
77) Benzidine	19.72	184	352768	93.008	ng		97
78) Pyrene	19.90	202	1019162	98.606	ng		99
80) Butylbenzylphthalate	20.77	149	376005	93.482	ng		97
81) Benzo(a)anthracene	21.76	228	986560	93.215	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	236163	63.441	ng		97
83) Chrysene	21.82	228	979868	96.747	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	519087	91.677	ng		99
85) Di-n-octyl phthalate	22.87	149	881471	93.475	ng		100
86) Indeno(1,2,3-cd)pyrene	28.94	276	1177712	94.925	ng		99
88) Benzo(b)fluoranthene	24.05	252	996347	101.264	ng		98
89) Benzo(k)fluoranthene	24.11	252	994543	102.146	ng		100
90) Benzo(a)pyrene	24.96	252	979600	104.355	ng		95
91) Dibenzo(a,h)anthracene	29.02	278	950388	101.323	ng		97
92) Benzo(g,h,i)perylene	30.17	276	965787	105.982	ng		97

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

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