Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040987.D
Acq On : 31 May 2019 20:30
Operator : HP/JU
Sample : SSTDCCC040
Misc : LOO-MDL-WATER-20PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/3/2019 8:50:22 AM

Quant Time: Jun 01 05:54:24 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	55693	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	228615	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	168549	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	411542	20.00	ng		0.00
76) Chrysene-d12	21.78	240	420993	20.00	ng		0.00
87) Perylene-d12	25.12	264	445990	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	246732	79.89	ng		0.00
7) Phenol-d6	7.27	99	361004	75.68	ng		0.00
23) Nitrobenzene-d5	9.30	82	428213	83.15	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	198627	79.38	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	945467	80.78	ng		0.00
79) Terphenyl-d14	20.09	244	1623267	81.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	58021	41.399	ng		96
3) Pyridine	3.93	79	168368	40.599	ng		98
4) n-Nitrosodimethylamine	3.86	42	85019	44.173	ng		92
6) Aniline	7.45	93	251290	39.468	ng		97
8) 2-Chlorophenol	7.68	128	142498	38.700	ng		91
9) Benzaldehyde	7.26	77	117633	41.341	ng		91
10) Phenol	7.29	94	188093	36.778	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	146203	39.406	ng		95
12) 1,3-Dichlorobenzene	8.01	146	177811	40.432	ng		97
13) 1,4-Dichlorobenzene	8.16	146	178304	40.054	ng		95
14) 1,2-Dichlorobenzene	8.48	146	171483	39.675	ng		98
15) Benzyl Alcohol	8.36	79	169381	38.388	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	245291	40.459	ng		99
17) 2-Methylphenol	8.55	107	134858	36.419	ng		98
18) Hexachloroethane	9.20	117	71721	41.803	ng		91
19) n-Nitroso-di-n-propylamine	8.93	70	144876	39.468	ng		99
20) 3+4-Methylphenols	8.88	107	184618	35.992	ng		97
22) Acetophenone	8.95	105	258968	40.381	ng	#	97
24) Nitrobenzene	9.34	77	219555	41.836	ng		96
25) Isophorone	9.86	82	396412	40.449	ng		99
26) 2-Nitrophenol	10.05	139	86157	39.823	ng		91
27) 2,4-Dimethylphenol	10.09	122	140724	39.384	ng		97
28) bis(2-Chloroethoxy)methane	10.34	93	215826	40.803	ng		99
29) 2,4-Dichlorophenol	10.58	162	169109	37.270	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	207399	40.180	ng		95
31) Naphthalene	11.00	128	492256	40.104	ng		99
32) Benzoic acid	10.22	122	97651m	37.324	ng		
33) 4-Chloroaniline	11.10	127	219849	38.602	ng		96
34) Hexachlorobutadiene	11.25	225	160343	40.598	ng		97
35) Caprolactam	11.89	113	56018	37.386	ng		96
36) 4-Chloro-3-methylphenol	12.21	107	192005	37.052	ng		98
37) 2-Methylnaphthalene	12.59	142	360106	38.092	ng		98
38) 1-Methylnaphthalene	12.81	142	339087	38.063	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	268615	39.540	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	152382	45.668	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	168504	38.342	ng		99
44) 2,4,5-Trichlorophenol	13.26	196	174513	37.652	ng		97
46) 1,1'-Biphenyl	13.59	154	496941	39.831	ng		98
47) 2-Chloronaphthalene	13.64	162	420895	39.297	ng		98
48) 2-Nitroaniline	13.84	65	153650	39.987	ng		99
49) Acenaphthylene	14.48	152	629490	39.050	ng		99
50) Dimethylphthalate	14.20	163	557282	39.059	ng		99
51) 2,6-Dinitrotoluene	14.33	165	118740	38.599	ng		97
52) Acenaphthene	14.82	154	378838	38.793	ng		98
53) 3-Nitroaniline	14.66	138	122040	39.673	ng		94
54) 2,4-Dinitrophenol	14.86	184	52654	42.980	ng		96
55) Dibenzofuran	15.15	168	637233	38.780	ng		99
56) 4-Nitrophenol	14.95	139	86852	41.163	ng		96
57) 2,4-Dinitrotoluene	15.11	165	170675	39.277	ng		99
58) Fluorene	15.80	166	503669	38.488	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	174759	38.367	ng		100
60) Diethylphthalate	15.55	149	561356	38.553	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	325070	38.217	ng		96
62) 4-Nitroaniline	15.83	138	129438	39.746	ng		94
63) Azobenzene	16.08	77	514589	38.884	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	91258	42.566	ng		97
66) n-Nitrosodiphenylamine	16.00	169	454812	39.313	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	212346	38.234	ng		96
68) Hexachlorobenzene	16.79	284	228508	38.638	ng		99
69) Atrazine	16.94	200	189462	42.443	ng		99
70) Pentachlorophenol	17.14	266	118872	39.781	ng		98
71) Phenanthrene	17.54	178	862723	40.245	ng		99
72) Anthracene	17.63	178	857357	40.552	ng		99
73) Carbazole	17.90	167	759046	41.842	ng		98
74) Di-n-butylphthalate	18.43	149	918320	40.729	ng		98
75) Fluoranthene	19.54	202	1107170	41.815	ng		99
77) Benzidine	19.72	184	450661	44.873	ng		100
78) Pyrene	19.90	202	1111238	40.605	ng		99
80) Butylbenzylphthalate	20.77	149	426811	40.075	ng		99
81) Benzo(a)anthracene	21.75	228	1115688	39.812	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	401384	40.722	ng		99
83) Chrysene	21.82	228	1068843	39.856	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	588606	39.260	ng		97
85) Di-n-octyl phthalate	22.87	149	987793	39.561	ng		100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1259003	38.324	ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1100453	40.681	ng		99
89) Benzo(k)fluoranthene	24.12	252	1065342	39.798	ng		99
90) Benzo(a)pyrene	24.96	252	1033698	40.053	ng		98
91) Dibenzo(a,h)anthracene	29.02	278	1009813	39.158	ng		99
92) Benzo(g,h,i)perylene	30.17	276	1004567	40.096	ng		98

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

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