Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
Data File : BG041793.D
Acq On : 29 Jul 2019 17:40
Operator : HP/JU
Sample : SSTDCCC040
Misc : LOO-WATER-10PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:36 PM

Quant Time: Jul 30 08:05:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 12:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100958	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	424138	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	301874	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	670635	20.00	ng		0.00
76) Chrysene-d12	21.74	240	656750	20.00	ng		0.00
87) Perylene-d12	25.01	264	771589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	423113	81.54	ng		0.00
7) Phenol-d6	7.19	99	557477	79.69	ng		0.00
23) Nitrobenzene-d5	9.21	82	523334	84.91	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	289461	84.42	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1398324	81.70	ng		0.00
79) Terphenyl-d14	20.07	244	2143319	74.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	97537	39.936	ng		92
3) Pyridine	3.87	79	263521	39.347	ng		88
4) n-Nitrosodimethylamine	3.79	42	106250	40.019	ng		85
6) Aniline	7.36	93	385215	39.106	ng		96
8) 2-Chlorophenol	7.61	128	237711	40.006	ng		94
9) Benzaldehyde	7.17	77	194584	39.530	ng		89
10) Phenol	7.22	94	293554	40.335	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	233970	39.105	ng		93
12) 1,3-Dichlorobenzene	7.93	146	304859	39.311	ng		98
13) 1,4-Dichlorobenzene	8.08	146	304741	39.272	ng		98
14) 1,2-Dichlorobenzene	8.40	146	293718	39.668	ng		95
15) Benzyl Alcohol	8.28	79	219984	39.971	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	409125	38.435	ng		94
17) 2-Methylphenol	8.48	107	208813	39.452	ng		98
18) Hexachloroethane	9.15	117	106111	39.932	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	198435	39.071	ng		91
20) 3+4-Methylphenols	8.82	107	286651	39.576	ng		99
22) Acetophenone	8.87	105	377488	39.790	ng	#	93
24) Nitrobenzene	9.25	77	273018	42.047	ng		99
25) Isophorone	9.78	82	534190	39.843	ng		99
26) 2-Nitrophenol	9.97	139	134424	44.607	ng		93
27) 2,4-Dimethylphenol	10.03	122	215901	40.593	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	333993	39.863	ng		100
29) 2,4-Dichlorophenol	10.51	162	273941	42.295	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	329038	40.061	ng		98
31) Naphthalene	10.92	128	778600	40.110	ng		97
32) Benzoic acid	10.17	122	133009	37.369	ng		97
33) 4-Chloroaniline	11.02	127	362951	39.427	ng		97
34) Hexachlorobutadiene	11.22	225	221493	39.957	ng		99
35) Caprolactam	11.79	113	93007	41.319	ng	#	85
36) 4-Chloro-3-methylphenol	12.14	107	263177	40.985	ng		95
37) 2-Methylnaphthalene	12.53	142	615141	40.035	ng		100
38) 1-Methylnaphthalene	12.75	142	579472	39.796	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	384027	40.189	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	223069	41.521	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	252921	41.878	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	268051	42.709	ng		95
46) 1,1'-Biphenyl	13.53	154	788523	40.634	ng		96
47) 2-Chloronaphthalene	13.58	162	663222	40.143	ng		98
48) 2-Nitroaniline	13.77	65	183064	43.688	ng		93
49) Acenaphthylene	14.43	152	991900	40.136	ng		97
50) Dimethylphthalate	14.16	163	850374	41.247	ng		98
51) 2,6-Dinitrotoluene	14.27	165	189696	44.003	ng		91
52) Acenaphthene	14.77	154	642150	39.951	ng		98
53) 3-Nitroaniline	14.60	138	198142	42.962	ng	#	92
54) 2,4-Dinitrophenol	14.80	184	94729	44.129	ng		92
55) Dibenzofuran	15.10	168	990411	40.284	ng		95
56) 4-Nitrophenol	14.89	139	155062	44.293	ng		91
57) 2,4-Dinitrotoluene	15.06	165	265048	44.707	ng		93
58) Fluorene	15.76	166	792486	40.166	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	257632	41.446	ng		94
60) Diethylphthalate	15.52	149	826124	40.815	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	476983	39.600	ng		96
62) 4-Nitroaniline	15.76	138	210817	42.202	ng		98
63) Azobenzene	16.04	77	656230	39.689	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	135224	42.169	ng		89
66) n-Nitrosodiphenylamine	15.95	169	728833	39.897	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	327837	39.685	ng		98
68) Hexachlorobenzene	16.77	284	342480	39.628	ng		93
69) Atrazine	16.91	200	291755	40.649	ng		99
70) Pentachlorophenol	17.10	266	208674	42.503	ng		96
71) Phenanthrene	17.49	178	1287044	40.038	ng		96
72) Anthracene	17.59	178	1295174	40.399	ng		96
73) Carbazole	17.85	167	1161265	40.357	ng		96
74) Di-n-butylphthalate	18.42	149	1363220	41.788	ng		97
75) Fluoranthene	19.51	202	1596352	40.855	ng		93
77) Benzidine	19.68	184	885323	41.300	ng		99
78) Pyrene	19.87	202	1584166	40.712	ng		95
80) Butylbenzylphthalate	20.76	149	637248	42.715	ng		92
81) Benzo(a)anthracene	21.72	228	1568515	40.367	ng		95
82) 3,3'-Dichlorobenzidine	21.63	252	634834	40.693	ng		99
83) Chrysene	21.79	228	1506718	40.453	ng		95
84) Bis(2-ethylhexyl)phthalate	21.64	149	863631	41.966	ng		97
85) Di-n-octyl phthalate	22.88	149	1481496	42.776	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	1969177	39.938	ng	#	90
88) Benzo(b)fluoranthene	23.97	252	1697707m	40.221	ng		
89) Benzo(k)fluoranthene	24.05	252	1646625	40.048	ng	#	96
90) Benzo(a)pyrene	24.86	252	1625729	40.159	ng		97
91) Dibenzo(a,h)anthracene	28.83	278	1594417	40.112	ng		96
92) Benzo(g,h,i)perylene	29.92	276	1577228	39.716	ng		96

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

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