Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
Data File : BG045762.D
Acq On : 15 Jun 2020 12:59
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:03 AM

Quant Time: Jun 15 18:34:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 14:56:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	46071	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	188514	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	137949	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	321248	20.00	ng		0.00
76) Chrysene-d12	21.58	240	313557	20.00	ng		0.00
86) Perylene-d12	24.70	264	338569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	53907	22.87	ng		0.00
7) Phenol-d6	7.17	99	81033	24.15	ng		0.00
23) Nitrobenzene-d5	9.08	82	78189	22.62	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	36668	20.78	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	186534	22.94	ng		0.00
79) Terphenyl-d14	19.94	244	324125	24.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	12590	10.770	ng		96
3) Pyridine	3.78	79	35757m	10.983	ng		
4) n-Nitrosodimethylamine	3.69	42	11725	11.005	ng	#	92
6) Aniline	7.25	93	47762	10.904	ng		94
8) 2-Chlorophenol	7.51	128	29631	11.462	ng		94
9) Benzaldehyde	7.06	77	26739	12.232	ng		97
10) Phenol	7.19	94	40105	11.597	ng		96
11) bis(2-Chloroethyl)ether	7.34	93	32007	11.866	ng		96
12) 1,3-Dichlorobenzene	7.81	146	35644	11.473	ng		91
13) 1,4-Dichlorobenzene	7.96	146	35006	11.418	ng		97
14) 1,2-Dichlorobenzene	8.28	146	34392	11.663	ng		96
15) Benzyl Alcohol	8.18	79	28487	10.277	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.45	45	31695	12.379	ng		94
17) 2-Methylphenol	8.43	107	29456	11.380	ng		96
18) Hexachloroethane	9.00	117	13391	11.404	ng		82
19) n-Nitroso-di-n-propylamine	8.73	70	27200	11.723	ng		98
20) 3+4-Methylphenols	8.76	107	38989	11.062	ng	#	86
22) Acetophenone	8.75	105	50031	11.198	ng		98
24) Nitrobenzene	9.13	77	41780	11.280	ng		99
25) Isophorone	9.64	82	75402	11.075	ng		100
26) 2-Nitrophenol	9.84	139	15191	9.588	ng		96
27) 2,4-Dimethylphenol	9.95	122	26146	11.126	ng		89
28) bis(2-Chloroethoxy)methane	10.13	93	39641	11.103	ng		95
29) 2,4-Dichlorophenol	10.43	162	29216	10.528	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	36850	11.238	ng	#	94
31) Naphthalene	10.78	128	99756	11.356	ng		99
32) Benzoic acid	10.11	122	6931	4.911	ng	#	82
33) 4-Chloroaniline	10.91	127	41113	11.196	ng	#	91
34) Hexachlorobutadiene	11.07	225	25513	11.007	ng		95
35) Caprolactam	11.65	113	8375	8.222	ng		95
36) 4-Chloro-3-methylphenol	12.09	107	34563	11.053	ng	#	93
37) 2-Methylnaphthalene	12.39	142	73421	11.214	ng		97
38) 1-Methylnaphthalene	12.60	142	72361	11.700	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	41585	10.793	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	9256	4.162	ng		89
43) 2,4,6-Trichlorophenol	13.02	196	26264	9.812	ng		96
44) 2,4,5-Trichlorophenol	13.13	196	32096	10.493	ng		98
46) 1,1'-Biphenyl	13.40	154	95879	11.311	ng		97
47) 2-Chloronaphthalene	13.44	162	79454	11.543	ng		96
48) 2-Nitroaniline	13.66	65	23837	10.528	ng		88
49) Acenaphthylene	14.29	152	124647	11.274	ng		98
50) Dimethylphthalate	14.02	163	105539	11.153	ng		100
51) 2,6-Dinitrotoluene	14.14	165	22640	10.602	ng		92
52) Acenaphthene	14.63	154	75187	10.159	ng		93
53) 3-Nitroaniline	14.50	138	21761	10.025	ng		98
54) 2,4-Dinitrophenol	14.72	184	2636	2.126	ng	#	84
55) Dibenzofuran	14.97	168	123205	11.211	ng		98
56) 4-Nitrophenol	14.90	139	9280	5.647	ng		84
57) 2,4-Dinitrotoluene	14.94	165	31449	10.169	ng	#	94
58) Fluorene	15.62	166	102111	11.309	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	26805m	9.961	ng		
60) Diethylphthalate	15.39	149	106458	10.808	ng		93
61) 4-Chlorophenyl-phenylether	15.61	204	56613	10.957	ng		98
62) 4-Nitroaniline	15.66	138	20111m	8.875	ng		
63) Azobenzene	15.91	77	105704	11.509	ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	13558	7.247	ng		93
66) n-Nitrosodiphenylamine	15.83	169	88093	11.421	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	38785	11.150	ng		98
68) Hexachlorobenzene	16.63	284	40013	10.998	ng		97
69) Atrazine	16.78	200	35240	11.092	ng		97
70) Pentachlorophenol	17.00	266	7871	4.166	ng		92
71) Phenanthrene	17.36	178	165335	11.789	ng		98
72) Anthracene	17.45	178	164136	11.654	ng		99
73) Carbazole	17.74	167	151439	11.031	ng		96
74) Di-n-butylphthalate	18.29	149	184089	11.172	ng		96
75) Fluoranthene	19.37	202	204842	11.483	ng		99
77) Benzidine	19.56	184	78814	8.950	ng		100
78) Pyrene	19.74	202	209332	11.712	ng		99
80) Butylbenzylphthalate	20.62	149	85010	11.019	ng		97
81) Benzo(a)anthracene	21.56	228	201945	11.561	ng		98
82) 3,3'-Dichlorobenzidine	21.48	252	69856	10.195	ng		98
83) Chrysene	21.62	228	197006	11.730	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	113855	10.736	ng		99
85) Di-n-octyl phthalate	22.65	149	202735	11.130	ng		99
87) Indeno(1,2,3-cd)pyrene	28.24	276	234471	11.046	ng	#	98
88) Benzo(b)fluoranthene	23.71	252	209470	11.536	ng		100
89) Benzo(k)fluoranthene	23.78	252	191725	11.239	ng		97
90) Benzo(a)pyrene	24.55	252	190465	11.263	ng		98
91) Dibenzo(a,h)anthracene	28.31	278	187221	11.017	ng		99
92) Benzo(g,h,i)perylene	29.35	276	185370	10.907	ng		97

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

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