Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
Data File : BG045784.D
Acq On : 17 Jun 2020 10:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/19/2020 9:24:18 AM

Quant Time: Jun 18 02:45:13 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 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	47927	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	206111	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	164920	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	390904	20.00	ng		0.00
76) Chrysene-d12	21.58	240	351561	20.00	ng		0.00
86) Perylene-d12	24.71	264	382442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	219727	77.44	ng		0.00
7) Phenol-d6	7.15	99	375135	86.92	ng		-0.01
23) Nitrobenzene-d5	9.08	82	351357	77.88	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	196754	79.02	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	858544	76.50	ng		0.00
79) Terphenyl-d14	19.94	244	1415917	81.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	45171	34.761	ng		98
3) Pyridine	3.76	79	153075	39.753	ng		97
4) n-Nitrosodimethylamine	3.68	42	50486	39.059	ng		95
6) Aniline	7.25	93	217898	42.881	ng		98
8) 2-Chlorophenol	7.51	128	124176	40.889	ng		94
9) Benzaldehyde	7.05	77	103246	39.831	ng		97
10) Phenol	7.18	94	177694	42.495	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	131335	41.350	ng		97
12) 1,3-Dichlorobenzene	7.81	146	140183	38.734	ng		99
13) 1,4-Dichlorobenzene	7.95	146	140543	38.878	ng		94
14) 1,2-Dichlorobenzene	8.27	146	137854	39.834	ng		98
15) Benzyl Alcohol	8.18	79	154143	46.155	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	126578	42.285	ng		83
17) 2-Methylphenol	8.42	107	138780	44.596	ng		97
18) Hexachloroethane	9.00	117	54998	40.058	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	137898	48.603	ng		97
20) 3+4-Methylphenols	8.75	107	188810	46.134	ng	#	86
22) Acetophenone	8.74	105	228773	40.440	ng	#	96
24) Nitrobenzene	9.12	77	185887	38.641	ng		98
25) Isophorone	9.65	82	383624	43.922	ng		99
26) 2-Nitrophenol	9.84	139	83163	41.495	ng		96
27) 2,4-Dimethylphenol	9.94	122	129049	42.175	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	194572	42.647	ng		97
29) 2,4-Dichlorophenol	10.41	162	148053	41.472	ng		94
30) 1,2,4-Trichlorobenzene	10.59	180	155308	36.748	ng		98
31) Naphthalene	10.78	128	439522	39.005	ng		99
32) Benzoic acid	10.14	122	91979	46.659	ng		90
33) 4-Chloroaniline	10.90	127	203381	43.100	ng		97
34) Hexachlorobutadiene	11.07	225	110718	36.837	ng		94
35) Caprolactam	11.68	113	55939	48.422	ng		94
36) 4-Chloro-3-methylphenol	12.08	107	186660	45.285	ng		97
37) 2-Methylnaphthalene	12.39	142	354501	42.248	ng		98
38) 1-Methylnaphthalene	12.61	142	338486	42.628	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	202801	37.345	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	83641	33.369	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	145088	39.406	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	167067	39.813	ng		97
46) 1,1'-Biphenyl	13.40	154	458256	38.811	ng		99
47) 2-Chloronaphthalene	13.44	162	363021	38.061	ng		98
48) 2-Nitroaniline	13.66	65	127248	40.108	ng		99
49) Acenaphthylene	14.29	152	592272	38.769	ng		98
50) Dimethylphthalate	14.03	163	515766	39.921	ng		99
51) 2,6-Dinitrotoluene	14.15	165	115510	39.806	ng		98
52) Acenaphthene	14.63	154	361996	39.092	ng		98
53) 3-Nitroaniline	14.49	138	117697	40.607	ng		92
54) 2,4-Dinitrophenol	14.70	184	63128	44.135	ng		95
55) Dibenzofuran	14.97	168	586521	38.989	ng		99
56) 4-Nitrophenol	14.87	139	80745	40.925	ng		98
57) 2,4-Dinitrotoluene	14.94	165	168247	40.467	ng	#	98
58) Fluorene	15.62	166	497216	39.749	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	144777	39.751	ng		99
60) Diethylphthalate	15.39	149	528781	40.036	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	288677	40.040	ng		98
62) 4-Nitroaniline	15.66	138	126629m	42.569	ng		
63) Azobenzene	15.91	77	504675	39.796	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	103183	42.712	ng		95
66) n-Nitrosodiphenylamine	15.83	169	436715	39.443	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	201511	39.673	ng		95
68) Hexachlorobenzene	16.63	284	207862	39.465	ng		97
69) Atrazine	16.78	200	145873	33.952	ng		96
70) Pentachlorophenol	16.99	266	95137	40.764	ng		93
71) Phenanthrene	17.36	178	796364	39.501	ng		99
72) Anthracene	17.45	178	793274	39.514	ng		100
73) Carbazole	17.73	167	763594	39.946	ng		99
74) Di-n-butylphthalate	18.29	149	908049	40.119	ng		99
75) Fluoranthene	19.37	202	962567	38.828	ng		99
77) Benzidine	19.56	184	444723	48.659	ng		100
78) Pyrene	19.74	202	963261	40.917	ng		100
80) Butylbenzylphthalate	20.62	149	394009	39.985	ng		95
81) Benzo(a)anthracene	21.56	228	900207	39.495	ng		98
82) 3,3'-Dichlorobenzidine	21.48	252	348994	40.479	ng		99
83) Chrysene	21.62	228	858118	38.924	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	543044	39.619	ng		97
85) Di-n-octyl phthalate	22.64	149	930444	39.354	ng		99
87) Indeno(1,2,3-cd)pyrene	28.27	276	1105019	39.856	ng	#	95
88) Benzo(b)fluoranthene	23.72	252	929926	38.781	ng		100
89) Benzo(k)fluoranthene	23.78	252	925921	40.346	ng		98
90) Benzo(a)pyrene	24.57	252	883340	39.436	ng		100
91) Dibenzo(a,h)anthracene	28.32	278	896891	40.340	ng		99
92) Benzo(g,h,i)perylene	29.37	276	883441	39.699	ng		99

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

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