Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
Data File : BG045765.D
Acq On : 15 Jun 2020 14:57
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:12 AM

Quant Time: Jun 15 15:36:04 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	45885	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	178080	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	129542	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	307853	20.00	ng	0.00
76) Chrysene-d12	21.58	240	297255	20.00	ng	0.00
86) Perylene-d12	24.71	264	329478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	276795	117.89	ng	0.00
7) Phenol-d6	7.16	99	422036	126.29	ng	0.00
23) Nitrobenzene-d5	9.09	82	393768	120.58	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	205976	124.33	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	880857	115.34	ng	0.00
79) Terphenyl-d14	19.94	244	1483411	116.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	61461	52.788	ng	98
3) Pyridine	3.76	79	188520	58.138	ng	98
4) n-Nitrosodimethylamine	3.68	42	62561	58.959	ng	95
6) Aniline	7.25	93	249625	57.222	ng	100
8) 2-Chlorophenol	7.51	128	147598	57.325	ng	95
9) Benzaldehyde	7.05	77	119885	55.063	ng	97
10) Phenol	7.19	94	201779	58.586	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	151866	56.531	ng	95
12) 1,3-Dichlorobenzene	7.81	146	175289	56.652	ng	95
13) 1,4-Dichlorobenzene	7.95	146	173790	56.915	ng	96
14) 1,2-Dichlorobenzene	8.27	146	168428	57.350	ng	96
15) Benzyl Alcohol	8.18	79	166001	60.132	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	139977	54.892	ng	95
17) 2-Methylphenol	8.42	107	150556	58.402	ng	95
18) Hexachloroethane	9.00	117	66032	56.463	ng	94
19) n-Nitroso-di-n-propylamine	8.73	70	137557	59.526	ng	99
20) 3+4-Methylphenols	8.76	107	200547	57.128	ng	98
22) Acetophenone	8.74	105	244818	58.004	ng	98
24) Nitrobenzene	9.13	77	208076	59.471	ng	96
25) Isophorone	9.65	82	384970	59.859	ng	99
26) 2-Nitrophenol	9.84	139	89584	59.854	ng	99
27) 2,4-Dimethylphenol	9.94	122	135284	60.942	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	199967	59.288	ng	99
29) 2,4-Dichlorophenol	10.42	162	156820	59.823	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	184917	59.698	ng	96
31) Naphthalene	10.78	128	489845	59.029	ng	99
32) Benzoic acid	10.15	122	87023	65.275	ng	94
33) 4-Chloroaniline	10.90	127	209364	60.357	ng	96
34) Hexachlorobutadiene	11.07	225	130214	59.470	ng	97
35) Caprolactam	11.68	113	54090	56.216	ng	96
36) 4-Chloro-3-methylphenol	12.08	107	184764	62.549	ng	98
37) 2-Methylnaphthalene	12.39	142	373412	60.373	ng	98
38) 1-Methylnaphthalene	12.60	142	346034	59.226	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	213259	58.939	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	103404	49.513	ng		96
43) 2,4,6-Trichlorophenol	13.02	196	149031	59.292	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	167533	58.328	ng		99
46) 1,1'-Biphenyl	13.40	154	464491	58.355	ng		98
47) 2-Chloronaphthalene	13.44	162	374749	57.978	ng		97
48) 2-Nitroaniline	13.66	65	128582	60.476	ng		98
49) Acenaphthylene	14.29	152	611315	58.881	ng		99
50) Dimethylphthalate	14.03	163	525459	59.130	ng		97
51) 2,6-Dinitrotoluene	14.15	165	118365	59.028	ng		99
52) Acenaphthene	14.63	154	368250	52.988	ng		98
53) 3-Nitroaniline	14.50	138	118487	58.127	ng		94
54) 2,4-Dinitrophenol	14.70	184	59755	51.316	ng		95
55) Dibenzofuran	14.97	168	603394	58.466	ng		100
56) 4-Nitrophenol	14.88	139	82638	53.547	ng		93
57) 2,4-Dinitrotoluene	14.94	165	171158	58.936	ng		99
58) Fluorene	15.62	166	501667	59.168	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	149531	59.174	ng		98
60) Diethylphthalate	15.39	149	537111	58.070	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	289715	59.713	ng		96
62) 4-Nitroaniline	15.66	138	124544m	58.526	ng		
63) Azobenzene	15.91	77	508821	58.997	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	102473	57.154	ng		98
66) n-Nitrosodiphenylamine	15.84	169	440631	59.613	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	202335	60.697	ng		94
68) Hexachlorobenzene	16.63	284	214408	61.495	ng		94
69) Atrazine	16.79	200	173799	57.086	ng		99
70) Pentachlorophenol	16.99	266	93026	51.385	ng		98
71) Phenanthrene	17.36	178	815147	60.653	ng		99
72) Anthracene	17.45	178	804387	59.600	ng		99
73) Carbazole	17.74	167	772737	58.738	ng		99
74) Di-n-butylphthalate	18.28	149	916695	58.055	ng		99
75) Fluoranthene	19.38	202	996181	58.276	ng		99
77) Benzidine	19.56	184	408061	48.878	ng		99
78) Pyrene	19.74	202	999442	58.982	ng		99
80) Butylbenzylphthalate	20.63	149	421716	57.659	ng		99
81) Benzo(a)anthracene	21.56	228	967702	58.439	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	370894	57.100	ng		98
83) Chrysene	21.62	228	932602	58.572	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	582310	57.919	ng	#	96
85) Di-n-octyl phthalate	22.65	149	1010219	58.503	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1210245	58.588	ng	#	95
88) Benzo(b)fluoranthene	23.72	252	1037434	58.711	ng		97
89) Benzo(k)fluoranthene	23.78	252	1014539	61.113	ng		99
90) Benzo(a)pyrene	24.56	252	976803	59.356	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	973706	58.879	ng		99
92) Benzo(g,h,i)perylene	29.37	276	972950	58.826	ng		98

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

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