Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045677.D
Acq On : 10 Jun 2020 2:35
Operator : CG/JU
Sample : L2886-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GENMS

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:22 AM

Quant Time: Jun 10 06:18:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	68669	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	264607	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	187089	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	427336	20.00	ng		0.00
76) Chrysene-d12	21.60	240	391455	20.00	ng		0.00
87) Perylene-d12	24.74	264	432511	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	410749	116.90	ng		0.00
7) Phenol-d6	7.14	99	520259	104.03	ng		0.00
23) Nitrobenzene-d5	9.11	82	424430	87.47	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	309361	129.30	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	945603	85.73	ng		0.00
79) Terphenyl-d14	19.96	244	1545142	92.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	55784	32.02	ng	#	64
3) Pyridine	3.83	79	93641	19.30	ng		97
4) n-Nitrosodimethylamine	3.73	42	62084	39.10	ng		84
6) Aniline	7.27	93	137007	20.99	ng		96
8) 2-Chlorophenol	7.52	128	161018	41.79	ng		99
9) Benzaldehyde	7.08	77	81243	24.93	ng		94
10) Phenol	7.17	94	179348	34.80	ng		95
11) bis(2-Chloroethyl)ether	7.37	93	155215	38.61	ng		98
12) 1,3-Dichlorobenzene	7.84	146	161391	34.85	ng		99
13) 1,4-Dichlorobenzene	7.98	146	164136	35.92	ng		98
14) 1,2-Dichlorobenzene	8.30	146	155442	35.37	ng		97
15) Benzyl Alcohol	8.20	79	173861	42.08	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	140333	36.77	ng		97
17) 2-Methylphenol	8.42	107	145006	37.59	ng		99
18) Hexachloroethane	9.03	117	62645	35.79	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	141790	41.00	ng		99
20) 3+4-Methylphenols	8.75	107	191153m	36.39	ng		
22) Acetophenone	8.77	105	253513	40.42	ng		95
24) Nitrobenzene	9.15	77	216304	41.61	ng		96
25) Isophorone	9.68	82	390351	40.85	ng		100
26) 2-Nitrophenol	9.86	139	94723	42.59	ng		97
27) 2,4-Dimethylphenol	9.95	122	151653	45.98	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	211249	42.15	ng		97
29) 2,4-Dichlorophenol	10.42	162	176205	45.24	ng		96
30) 1,2,4-Trichlorobenzene	10.62	180	183087	39.78	ng		97
31) Naphthalene	10.80	128	497268	40.33	ng		99
32) Benzoic acid	10.12	122	56847	30.07	ng		90
33) 4-Chloroaniline	10.92	127	45791	8.88	ng		96
34) Hexachlorobutadiene	11.09	225	125255	38.50	ng		97
35) Caprolactam	11.70	113	40829m	28.56	ng		
36) 4-Chloro-3-methylphenol	12.07	107	192242	43.80	ng		96
37) 2-Methylnaphthalene	12.41	142	379024	41.24	ng		96
38) 1-Methylnaphthalene	12.64	142	357825	41.22	ng	#	96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	221644	42.41	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	226696	75.16	ng	97
43) 2,4,6-Trichlorophenol	13.04	196	151470	41.73	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	155553	37.50	ng	98
46) 1,1'-Biphenyl	13.42	154	491244	42.73	ng	99
47) 2-Chloronaphthalene	13.47	162	374669	40.14	ng	99
48) 2-Nitroaniline	13.67	65	125237	40.78	ng	100
49) Acenaphthylene	14.32	152	624685	41.66	ng	98
50) Dimethylphthalate	14.05	163	638808	49.77	ng	99
51) 2,6-Dinitrotoluene	14.17	165	117362	40.53	ng	99
52) Acenaphthene	14.66	154	446914m	44.53	ng	
53) 3-Nitroaniline	14.50	138	60959	20.71	ng	95
54) 2,4-Dinitrophenol	14.71	184	113727	61.32	ng	96
55) Dibenzofuran	14.99	168	598444	40.15	ng	96
56) 4-Nitrophenol	14.85	139	127624	57.26	ng	84
57) 2,4-Dinitrotoluene	14.96	165	163432	38.97	ng	97
58) Fluorene	15.64	166	498203	40.69	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	150752	41.31	ng	98
60) Diethylphthalate	15.42	149	524981	39.30	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	279584	39.90	ng	99
62) 4-Nitroaniline	15.67	138	106015	34.49	ng	95
63) Azobenzene	15.93	77	519834	41.73	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	96026	38.58	ng	92
66) n-Nitrosodiphenylamine	15.85	169	449525	43.81	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	192989	41.71	ng	99
68) Hexachlorobenzene	16.65	284	209209	43.23	ng	97
69) Atrazine	16.80	200	168952	39.98	ng	99
70) Pentachlorophenol	17.00	266	193504	77.00	ng	98
71) Phenanthrene	17.38	178	793275	42.52	ng	100
72) Anthracene	17.48	178	812017	43.34	ng	99
73) Carbazole	17.75	167	725757	39.74	ng	98
74) Di-n-butylphthalate	18.31	149	886971	40.47	ng	99
75) Fluoranthene	19.39	202	958833	40.41	ng	100
77) Benzidine	19.57	184	181054	16.47	ng	98
78) Pyrene	19.76	202	959327	42.99	ng	99
80) Butylbenzylphthalate	20.64	149	383799	39.85	ng	99
81) Benzo(a)anthracene	21.58	228	924945	42.42	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	157153	18.37	ng	98
83) Chrysene	21.65	228	890905	42.49	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	532106	40.19	ng	100
85) Di-n-octyl phthalate	22.68	149	907713	39.92	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1147633	41.85	ng	98
88) Benzo(b)fluoranthene	23.75	252	969066	41.78	ng	99
89) Benzo(k)fluoranthene	23.82	252	965464m	44.30	ng	
90) Benzo(a)pyrene	24.60	252	890901	41.24	ng	96
91) Dibenzo(a,h)anthracene	28.37	278	943401	43.46	ng	98
92) Benzo(g,h,i)perylene	29.43	276	926385	42.67	ng	98

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

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