Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044732.D
Acq On : 12 Mar 2020 12:53
Operator : CG/JU
Sample : L1873-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
mohammad
3/16/2020 1:48:10 PM

Quant Time: Mar 13 06:56:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	95363	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	402051	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	282354	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	635309	20.00	ng		0.00
76) Chrysene-d12	21.71	240	550679	20.00	ng		0.00
87) Perylene-d12	24.92	264	654520	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	714264	116.60	ng		0.00
7) Phenol-d6	7.21	99	1011004	113.59	ng		0.00
23) Nitrobenzene-d5	9.21	82	645598	70.46	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	380869	103.02	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1317597	66.83	ng		0.00
79) Terphenyl-d14	20.04	244	1993842	67.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	108575	36.805	ng		97
3) Pyridine	3.92	79	264834	30.325	ng		98
4) n-Nitrosodimethylamine	3.83	42	145986	44.058	ng		99
6) Aniline	7.38	93	223459	20.176	ng		96
8) 2-Chlorophenol	7.62	128	294225	48.113	ng		99
9) Benzaldehyde	7.18	77	243811	47.349	ng		98
10) Phenol	7.24	94	410102	46.540	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	293211	41.693	ng		98
12) 1,3-Dichlorobenzene	7.95	146	299640	39.776	ng		98
13) 1,4-Dichlorobenzene	8.09	146	300040	40.287	ng		94
14) 1,2-Dichlorobenzene	8.41	146	284831	40.326	ng		97
15) Benzyl Alcohol	8.29	79	315558	44.187	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	480486	38.716	ng		100
17) 2-Methylphenol	8.49	107	268559	44.992	ng		90
18) Hexachloroethane	9.15	117	118283	40.341	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	258033	41.057	ng		98
20) 3+4-Methylphenols	8.82	107	375730	45.663	ng		95
22) Acetophenone	8.88	105	446627	39.212	ng	#	97
24) Nitrobenzene	9.25	77	381302	40.108	ng		97
25) Isophorone	9.78	82	709612	39.683	ng		96
26) 2-Nitrophenol	9.97	139	145705	44.589	ng	#	93
27) 2,4-Dimethylphenol	10.03	122	287677	49.401	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	410100	38.429	ng		97
29) 2,4-Dichlorophenol	10.50	162	297424	43.728	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	313293	38.522	ng		99
31) Naphthalene	10.91	128	890340	39.976	ng		100
32) Benzoic acid	10.17	122	179311	41.233	ng		89
33) 4-Chloroaniline	11.01	127	84943	8.465	ng		98
34) Hexachlorobutadiene	11.21	225	201796	37.731	ng		99
35) Caprolactam	11.78	113	104425m	40.550	ng		
36) 4-Chloro-3-methylphenol	12.13	107	345968	42.648	ng		99
37) 2-Methylnaphthalene	12.52	142	662962	39.794	ng		99
38) 1-Methylnaphthalene	12.74	142	640099	40.868	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	344180	37.014	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	461298	90.774	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	252278	40.880	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	269041	42.039	ng		98
46) 1,1'-Biphenyl	13.52	154	848974	37.626	ng		99
47) 2-Chloronaphthalene	13.56	162	638218	37.027	ng		97
48) 2-Nitroaniline	13.75	65	237434	39.346	ng		97
49) Acenaphthylene	14.41	152	1068496	39.569	ng		99
50) Dimethylphthalate	14.15	163	946505	42.089	ng		98
51) 2,6-Dinitrotoluene	14.25	165	189054	41.707	ng		99
52) Acenaphthene	14.75	154	753350	42.598	ng		98
53) 3-Nitroaniline	14.57	138	72774	13.964	ng		93
54) 2,4-Dinitrophenol	14.78	184	181785	77.084	ng	#	69
55) Dibenzofuran	15.09	168	1016025	39.618	ng		98
56) 4-Nitrophenol	14.88	139	329354	82.808	ng		94
57) 2,4-Dinitrotoluene	15.04	165	261487	42.061	ng		96
58) Fluorene	15.74	166	823310	39.026	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	250348m	42.488	ng		
60) Diethylphthalate	15.51	149	895407	38.175	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	444136	39.098	ng		97
62) 4-Nitroaniline	15.74	138	195310	35.146	ng		98
63) Azobenzene	16.03	77	977729	40.142	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	134685	45.525	ng		93
66) n-Nitrosodiphenylamine	15.94	169	756051	39.528	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	302815	38.127	ng		98
68) Hexachlorobenzene	16.75	284	322869	37.471	ng		98
69) Atrazine	16.89	200	291683	41.623	ng		98
70) Pentachlorophenol	17.08	266	396065	83.542	ng		96
71) Phenanthrene	17.48	178	1331240	39.212	ng		100
72) Anthracene	17.57	178	1369520	40.910	ng		99
73) Carbazole	17.83	167	1284599	39.948	ng		99
74) Di-n-butylphthalate	18.41	149	1524345	38.996	ng		99
75) Fluoranthene	19.48	202	1614643	39.944	ng		100
77) Benzidine	19.66	184	561980	31.436	ng		99
78) Pyrene	19.84	202	1627303	40.278	ng		100
80) Butylbenzylphthalate	20.74	149	698511	38.863	ng		96
81) Benzo(a)anthracene	21.68	228	1560901	39.364	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	196645	12.819	ng		95
83) Chrysene	21.75	228	1487362	39.268	ng		100
84) Bis(2-ethylhexyl)phthalate	21.62	149	992209	39.999	ng		99
85) Di-n-octyl phthalate	22.84	149	1697631	40.897	ng		100
86) Indeno(1,2,3-cd)pyrene	28.59	276	2000435	40.284	ng		99
88) Benzo(b)fluoranthene	23.90	252	1700148	39.346	ng		98
89) Benzo(k)fluoranthene	23.98	252	1618857	39.589	ng		98
90) Benzo(a)pyrene	24.77	252	1565766	38.726	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1627987	40.814	ng		98
92) Benzo(g,h,i)perylene	29.72	276	1677674	41.629	ng		99

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

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