Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050719\
Data File : BG040769.D
Acq On : 7 May 2019 14:41
Operator : HP/JU
Sample : K2674-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SV28545LMSD

Manual Integrations APPROVED
mohammad
5/15/2019 8:40:02 AM

Quant Time: May 14 05:28:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	48426	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	185593	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	135432	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	372071	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	376639	20.00	ng		-0.02
87) Perylene-d12	25.16	264	396431	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	399975	145.60	ng		0.00
7) Phenol-d6	7.28	99	569666	134.68	ng		-0.01
23) Nitrobenzene-d5	9.32	82	495624	123.39	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	4808	2.58	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	1041807	111.09	ng		-0.02
79) Terphenyl-d14	20.11	244	2052682	120.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50920	40.757	ng		89
3) Pyridine	3.95	79	147921	40.847	ng		98
4) n-Nitrosodimethylamine	3.87	42	93941	46.769	ng	#	94
6) Aniline	7.47	93	245958	43.870	ng		98
8) 2-Chlorophenol	7.71	128	167315	49.879	ng		97
9) Benzaldehyde	7.28	77	111648	45.769	ng		98
10) Phenol	7.31	94	193049	42.457	ng		96
11) bis(2-Chloroethyl)ether	7.56	93	167532	49.135	ng		96
12) 1,3-Dichlorobenzene	8.03	146	163086	44.544	ng		97
13) 1,4-Dichlorobenzene	8.18	146	166090	44.749	ng		99
14) 1,2-Dichlorobenzene	8.50	146	162166	45.306	ng		99
15) Benzyl Alcohol	8.38	79	207096	47.055	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	284868	41.964	ng		98
17) 2-Methylphenol	8.58	107	149725	46.531	ng		93
18) Hexachloroethane	9.23	117	62252	40.888	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	163119	42.840	ng		98
20) 3+4-Methylphenols	8.90	107	205594	45.865	ng		99
22) Acetophenone	8.98	105	300699	58.265	ng	#	95
24) Nitrobenzene	9.37	77	253223	59.088	ng		98
25) Isophorone	9.88	82	468716	52.388	ng		99
26) 2-Nitrophenol	10.07	139	6808	4.432	ng		95
27) 2,4-Dimethylphenol	10.11	122	153954	53.414	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	243289	54.198	ng		99
29) 2,4-Dichlorophenol	10.61	162	159738	48.749	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	212279	58.419	ng		96
31) Naphthalene	11.02	128	537335	54.497	ng		99
33) 4-Chloroaniline	11.13	127	239211	54.718	ng		95
34) Hexachlorobutadiene	11.28	225	149384	55.685	ng		98
35) Caprolactam	11.90	113	56951	44.022	ng		90
36) 4-Chloro-3-methylphenol	12.22	107	224122	54.218	ng		99
37) 2-Methylnaphthalene	12.61	142	416468	56.493	ng		99
38) 1-Methylnaphthalene	12.83	142	396923	55.084	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	293391	58.153	ng		98
41) Hexachlorocyclopentadiene	12.94	237	226969	76.239	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.22	196	3493m	1.146	ng		
44) 2,4,5-Trichlorophenol	13.28	196	33194	9.994	ng		95
46) 1,1'-Biphenyl	13.61	154	568798	54.094	ng		97
47) 2-Chloronaphthalene	13.66	162	463662	56.345	ng		98
48) 2-Nitroaniline	13.86	65	197935	67.573	ng		94
49) Acenaphthylene	14.50	152	740290	53.024	ng		99
50) Dimethylphthalate	14.22	163	661098	58.343	ng		99
51) 2,6-Dinitrotoluene	14.35	165	142631	64.494	ng		94
52) Acenaphthene	14.84	154	435384	53.549	ng		97
53) 3-Nitroaniline	14.69	138	143824	63.471	ng	#	94
55) Dibenzofuran	15.17	168	774349	58.146	ng		100
57) 2,4-Dinitrotoluene	15.13	165	190536	63.404	ng	#	93
58) Fluorene	15.82	166	614751	57.112	ng		99
60) Diethylphthalate	15.57	149	699734	58.528	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	380855	60.836	ng		98
62) 4-Nitroaniline	15.84	138	161224	63.605	ng		92
63) Azobenzene	16.10	77	656588	53.327	ng		97
66) n-Nitrosodiphenylamine	16.02	169	579119	52.903	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	259909	56.070	ng		94
68) Hexachlorobenzene	16.81	284	266070	55.511	ng		95
69) Atrazine	16.96	200	258821	59.677	ng		98
71) Phenanthrene	17.56	178	1103945	55.085	ng		98
72) Anthracene	17.65	178	1117318	55.466	ng		97
73) Carbazole	17.92	167	993866	54.153	ng		99
74) Di-n-butylphthalate	18.46	149	1183020	53.405	ng		100
75) Fluoranthene	19.56	202	1429595	57.243	ng		99
77) Benzidine	19.74	184	929187	90.102	ng		98
78) Pyrene	19.93	202	1413600	59.883	ng		96
80) Butylbenzylphthalate	20.79	149	536886	58.354	ng		96
81) Benzo(a)anthracene	21.78	228	1406164	59.073	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	491470	57.927	ng		100
83) Chrysene	21.85	228	1366031	60.342	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	771434	58.085	ng		96
85) Di-n-octyl phthalate	22.91	149	1288715	57.617	ng		98
86) Indeno(1,2,3-cd)pyrene	29.01	276	1443760	52.749	ng	#	90
88) Benzo(b)fluoranthene	24.08	252	1436772	59.309	ng		98
89) Benzo(k)fluoranthene	24.16	252	1399253	61.848	ng		98
90) Benzo(a)pyrene	25.00	252	1392716	60.734	ng		99
91) Dibenzo(a,h)anthracene	29.08	278	1182241	50.946	ng		97
92) Benzo(g,h,i)perylene	30.24	276	1207961	52.304	ng		97

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

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