Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045193.D
Acq On : 28 Apr 2020 20:13
Operator : CG/JU
Sample : L2428-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-7MSD

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:47 AM

Quant Time: Apr 29 01:51:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64319	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	265239	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	201348	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	477155	20.00	ng		0.00
76) Chrysene-d12	21.65	240	432310	20.00	ng		0.00
87) Perylene-d12	24.82	264	491422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	371114	95.26	ng		0.00
7) Phenol-d6	7.16	99	572629	98.93	ng		0.00
23) Nitrobenzene-d5	9.15	82	366478	63.04	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	333861	107.33	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	934017	68.02	ng		0.00
79) Terphenyl-d14	19.99	244	1674177	84.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	36221	20.920	ng		99
3) Pyridine	3.85	79	129218	24.239	ng		99
4) n-Nitrosodimethylamine	3.76	42	59041	36.154	ng		92
6) Aniline	7.31	93	300033	39.867	ng		97
8) 2-Chlorophenol	7.56	128	186603	44.567	ng		99
9) Benzaldehyde	7.12	77	71941	17.439	ng		98
10) Phenol	7.18	94	266741	46.051	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	174610	37.863	ng		92
12) 1,3-Dichlorobenzene	7.88	146	179862	36.455	ng		98
13) 1,4-Dichlorobenzene	8.03	146	177502	36.105	ng		98
14) 1,2-Dichlorobenzene	8.35	146	176834	37.597	ng		91
15) Benzyl Alcohol	8.23	79	203272	41.886	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	161403	35.654	ng		97
17) 2-Methylphenol	8.43	107	179421	40.148	ng		97
18) Hexachloroethane	9.08	117	69315	37.504	ng		96
19) n-Nitroso-di-n-propylamine	8.80	70	176902	43.215	ng		96
20) 3+4-Methylphenols	8.76	107	254897	40.749	ng		97
22) Acetophenone	8.81	105	307802	42.913	ng	#	98
24) Nitrobenzene	9.19	77	247329	41.508	ng		96
25) Isophorone	9.72	82	507644	42.644	ng		99
26) 2-Nitrophenol	9.91	139	117969	45.963	ng		98
27) 2,4-Dimethylphenol	9.97	122	195467	47.997	ng		92
28) bis(2-Chloroethoxy)methane	10.20	93	270149	43.192	ng		97
29) 2,4-Dichlorophenol	10.45	162	219829	46.748	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	223078	41.899	ng		95
31) Naphthalene	10.85	128	617846	42.581	ng		99
32) Benzoic acid	10.13	122	151574	46.328	ng		94
33) 4-Chloroaniline	10.95	127	202362	29.905	ng		96
34) Hexachlorobutadiene	11.14	225	147462	40.397	ng		98
35) Caprolactam	11.72	113	88857m	47.478	ng		
36) 4-Chloro-3-methylphenol	12.09	107	272929	49.407	ng		97
37) 2-Methylnaphthalene	12.46	142	509797	45.266	ng		95
38) 1-Methylnaphthalene	12.68	142	483845	45.508	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	280596	43.283	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	378398	93.388	ng		98
43) 2,4,6-Trichlorophenol	13.07	196	216159	47.244	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	239227	45.935	ng		98
46) 1,1'-Biphenyl	13.46	154	661580	43.230	ng		99
47) 2-Chloronaphthalene	13.51	162	518922	44.376	ng		99
48) 2-Nitroaniline	13.70	65	173876	45.193	ng		96
49) Acenaphthylene	14.36	152	879326	46.165	ng		99
50) Dimethylphthalate	14.09	163	875188	53.383	ng		99
51) 2,6-Dinitrotoluene	14.20	165	172509	47.043	ng		99
52) Acenaphthene	14.70	154	678990m	52.686	ng		
53) 3-Nitroaniline	14.53	138	139819	34.765	ng		98
54) 2,4-Dinitrophenol	14.74	184	228762	104.912	ng		92
55) Dibenzofuran	15.03	168	860290	45.787	ng		97
56) 4-Nitrophenol	14.85	139	280782	90.040	ng		94
57) 2,4-Dinitrotoluene	14.99	165	249896	46.631	ng		96
58) Fluorene	15.68	166	729597	47.540	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	232719	50.220	ng		98
60) Diethylphthalate	15.45	149	783417	45.832	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	403742	45.706	ng		95
62) 4-Nitroaniline	15.70	138	173461	41.583	ng		95
63) Azobenzene	15.96	77	734865	46.631	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	164681	52.507	ng		98
66) n-Nitrosodiphenylamine	15.89	169	661587	48.257	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	285135	46.321	ng		98
68) Hexachlorobenzene	16.69	284	304384	47.678	ng		98
69) Atrazine	16.84	200	273906	55.939	ng		99
70) Pentachlorophenol	17.03	266	388388	99.168	ng		98
71) Phenanthrene	17.42	178	1185574	48.352	ng		99
72) Anthracene	17.52	178	1209849	49.189	ng		99
73) Carbazole	17.78	167	1109825	44.464	ng		99
74) Di-n-butylphthalate	18.34	149	1318422	49.074	ng		99
75) Fluoranthene	19.43	202	1430444	50.370	ng		99
77) Benzidine	19.61	184	989760	84.238	ng		99
78) Pyrene	19.79	202	1394038	46.774	ng		99
80) Butylbenzylphthalate	20.68	149	579437	46.903	ng		100
81) Benzo(a)anthracene	21.63	228	1325385	47.302	ng		100
82) 3,3'-Dichlorobenzidine	21.54	252	459016	41.158	ng		99
83) Chrysene	21.69	228	1308751	48.613	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	810198	47.684	ng		100
85) Di-n-octyl phthalate	22.74	149	1403542	47.769	ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1767675	49.454	ng	#	95
88) Benzo(b)fluoranthene	23.82	252	1461379	47.474	ng		99
89) Benzo(k)fluoranthene	23.88	252	1451133	49.571	ng		99
90) Benzo(a)pyrene	24.68	252	1362266	46.872	ng		98
91) Dibenzo(a,h)anthracene	28.49	278	1416897	48.382	ng		97
92) Benzo(g,h,i)perylene	29.56	276	1418464	48.312	ng		97

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

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