Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
Data File : BG044453.D
Acq On : 17 Feb 2020 18:59
Operator : CG/JU
Sample : L1544-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-5-1MSD

Manual Integrations APPROVED
mohammad
2/18/2020 3:16:59 PM

Quant Time: Feb 18 06:17:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	70854	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	285788	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	186330	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	412817	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	398812	20.00	ng	-0.02
87) Perylene-d12	24.59	264	433199	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	432077	107.62	ng	0.00
7) Phenol-d6	7.07	99	575364	106.72	ng	-0.01
23) Nitrobenzene-d5	9.05	82	338823	66.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	225242	102.97	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	773785	69.54	ng	-0.01
79) Terphenyl-d14	19.89	244	1192644	61.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	76858	42.61	ng	99
3) Pyridine	3.75	79	187300	38.97	ng	97
4) n-Nitrosodimethylamine	3.66	42	91777	45.70	ng	96
6) Aniline	7.21	93	203560	30.42	ng	98
8) 2-Chlorophenol	7.46	128	233016	52.81	ng	98
9) Benzaldehyde	7.02	77	95421	31.08	ng	98
10) Phenol	7.10	94	286611	53.72	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	212954	46.69	ng	99
12) 1,3-Dichlorobenzene	7.78	146	244383	46.39	ng	98
13) 1,4-Dichlorobenzene	7.92	146	246188	47.18	ng	99
14) 1,2-Dichlorobenzene	8.25	146	232438	47.13	ng	98
15) Benzyl Alcohol	8.13	79	187859	49.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.42	45	271409	43.96	ng	99
17) 2-Methylphenol	8.34	107	196875	51.72	ng	98
18) Hexachloroethane	8.98	117	88864	45.39	ng	94
19) n-Nitroso-di-n-propylamine	8.70	70	163195	45.42	ng	97
20) 3+4-Methylphenols	8.67	107	269389	51.35	ng	100
22) Acetophenone	8.71	105	309920	44.58	ng	99
24) Nitrobenzene	9.09	77	229819	46.50	ng	98
25) Isophorone	9.62	82	451131	47.81	ng	99
26) 2-Nitrophenol	9.80	139	130754	50.99	ng	99
27) 2,4-Dimethylphenol	9.87	122	220187	60.83	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	288907	45.90	ng	99
29) 2,4-Dichlorophenol	10.34	162	229495	52.43	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	233617	46.55	ng	98
31) Naphthalene	10.74	128	674757	48.66	ng	100
32) Benzoic acid	10.04	122	71151	35.20	ng	89
33) 4-Chloroaniline	10.85	127	111922	17.75	ng	98
34) Hexachlorobutadiene	11.04	225	139756	45.26	ng	98
35) Caprolactam	11.62	113	84348m	52.61	ng	
36) 4-Chloro-3-methylphenol	11.98	107	239305	52.15	ng	99
37) 2-Methylnaphthalene	12.35	142	504551	49.01	ng	99
38) 1-Methylnaphthalene	12.57	142	475796	49.02	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	255893	45.91	ng	99

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Quant Time: Feb 18 06:17:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	280471	104.87	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	182706	50.71	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	194757	52.93	ng	98
46) 1,1'-Biphenyl	13.36	154	644181	47.93	ng	98
47) 2-Chloronaphthalene	13.41	162	502277	46.96	ng	99
48) 2-Nitroaniline	13.61	65	144067	45.64	ng	97
49) Acenaphthylene	14.25	152	799528	50.97	ng	99
50) Dimethylphthalate	13.99	163	676037	50.47	ng	100
51) 2,6-Dinitrotoluene	14.10	165	148093	49.59	ng	95
52) Acenaphthene	14.60	154	490166	48.21	ng	99
53) 3-Nitroaniline	14.43	138	71760	21.72	ng	97
54) 2,4-Dinitrophenol	14.65	184	157774	88.29	ng	96
55) Dibenzofuran	14.93	168	760690	49.41	ng	99
56) 4-Nitrophenol	14.76	139	264687	109.37	ng	98
57) 2,4-Dinitrotoluene	14.89	165	207878	49.66	ng	96
58) Fluorene	15.58	166	602217	49.67	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	177147	53.30	ng	97
60) Diethylphthalate	15.36	149	646399	48.43	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	318447	48.44	ng	99
62) 4-Nitroaniline	15.60	138	144527	43.78	ng	97
63) Azobenzene	15.87	77	567188	48.49	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	128951	56.59	ng	97
66) n-Nitrosodiphenylamine	15.79	169	567553	49.06	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	213107	47.38	ng	97
68) Hexachlorobenzene	16.59	284	232266	46.10	ng	99
69) Atrazine	16.74	200	220645	55.64	ng	99
70) Pentachlorophenol	16.94	266	242213	94.47	ng	98
71) Phenanthrene	17.32	178	979217	48.99	ng	99
72) Anthracene	17.41	178	1006658	50.94	ng	99
73) Carbazole	17.68	167	907730	49.82	ng	99
74) Di-n-butylphthalate	18.24	149	1121902	49.83	ng	99
75) Fluoranthene	19.33	202	1178956	50.98	ng	100
77) Benzidine	19.50	184	419993	37.97	ng	97
78) Pyrene	19.69	202	1183684	46.22	ng	99
80) Butylbenzylphthalate	20.58	149	521822	44.71	ng	100
81) Benzo(a)anthracene	21.50	228	1144217	46.55	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	226487	23.74	ng	99
83) Chrysene	21.56	228	1088752	45.83	ng	100
84) Bis(2-ethylhexyl)phthalate	21.42	149	733950	45.69	ng	100
85) Di-n-octyl phthalate	22.58	149	1306526	47.00	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1425588	45.99	ng	99
88) Benzo(b)fluoranthene	23.62	252	1234978	49.47	ng	99
89) Benzo(k)fluoranthene	23.69	252	1187882	48.83	ng	98
90) Benzo(a)pyrene	24.45	252	1137383	48.19	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	1174693	50.29	ng	98
92) Benzo(g,h,i)perylene	29.17	276	1198185	51.24	ng	99

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

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