Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044169.D
Acq On : 23 Jan 2020 16:18
Operator : JU
Sample : L1230-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE-AMSD

Manual Integrations APPROVED
mohammad
1/24/2020 1:53:39 PM

Quant Time: Jan 24 05:32:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	85578	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	373747	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	247187	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	518628	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	432252	20.00	ng		-0.03
87) Perylene-d12	24.66	264	498495	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	685673	147.11	ng		-0.03
7) Phenol-d6	7.10	99	914138	140.31	ng		-0.02
23) Nitrobenzene-d5	9.09	82	550662	78.82	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	345391	133.52	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1221150	89.50	ng		-0.03
79) Terphenyl-d14	19.92	244	1724503	100.88	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	82977	40.831	ng		100
3) Pyridine	3.78	79	215313	35.865	ng		94
4) n-Nitrosodimethylamine	3.70	42	111640	41.768	ng		98
6) Aniline	7.25	93	195000	22.788	ng		99
8) 2-Chlorophenol	7.50	128	291069	53.196	ng		96
9) Benzaldehyde	7.06	77	136137	32.649	ng		98
10) Phenol	7.13	94	392179	58.425	ng		100
11) bis(2-Chloroethyl)ether	7.35	93	254770	43.970	ng		99
12) 1,3-Dichlorobenzene	7.82	146	281179	43.914	ng		99
13) 1,4-Dichlorobenzene	7.97	146	284072	44.964	ng		98
14) 1,2-Dichlorobenzene	8.28	146	269968	44.520	ng		99
15) Benzyl Alcohol	8.17	79	237205	46.133	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	351577	39.220	ng		98
17) 2-Methylphenol	8.38	107	243927	50.216	ng		97
18) Hexachloroethane	9.01	117	105673	42.986	ng		99
19) n-Nitroso-di-n-propylamine	8.74	70	207016	42.668	ng		98
20) 3+4-Methylphenols	8.71	107	337870	49.860	ng		99
22) Acetophenone	8.75	105	390701	42.049	ng	#	98
24) Nitrobenzene	9.13	77	294023	42.492	ng		98
25) Isophorone	9.65	82	566826	43.245	ng		99
26) 2-Nitrophenol	9.84	139	163412	49.916	ng		96
27) 2,4-Dimethylphenol	9.91	122	273179	55.434	ng		97
28) bis(2-Chloroethoxy)methane	10.14	93	366568	41.949	ng		99
29) 2,4-Dichlorophenol	10.38	162	282582	48.073	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	279251	42.369	ng		99
31) Naphthalene	10.78	128	835786	46.211	ng		99
32) Benzoic acid	10.06	122	139452	36.477	ng		93
33) 4-Chloroaniline	10.89	127	101656	11.784	ng		99
34) Hexachlorobutadiene	11.08	225	161771	40.200	ng		97
35) Caprolactam	11.66	113	107250m	49.011	ng		
36) 4-Chloro-3-methylphenol	12.02	107	304221	48.615	ng		98
37) 2-Methylnaphthalene	12.39	142	625891	45.966	ng		99
38) 1-Methylnaphthalene	12.61	142	596333	46.209	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	298679	41.225	ng		99

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Quant Time: Jan 24 05:32:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	370443	98.624 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	225995	45.333 ng	97
44) 2,4,5-Trichlorophenol	13.07	196	246750	47.991 ng	99
46) 1,1'-Biphenyl	13.40	154	791127	44.639 ng	99
47) 2-Chloronaphthalene	13.44	162	617776	43.137 ng	99
48) 2-Nitroaniline	13.64	65	191722	41.618 ng	98
49) Acenaphthylene	14.29	152	987140	47.957 ng	98
50) Dimethylphthalate	14.02	163	948020	54.014 ng	99
51) 2,6-Dinitrotoluene	14.14	165	179701	45.299 ng	97
52) Acenaphthene	14.63	154	622794	43.144 ng	97
53) 3-Nitroaniline	14.47	138	89824	19.939 ng	100
54) 2,4-Dinitrophenol	14.67	184	192940	94.408 ng	99
55) Dibenzofuran	14.96	168	928960	46.748 ng	98
56) 4-Nitrophenol	14.79	139	328320	95.107 ng	96
57) 2,4-Dinitrotoluene	14.92	165	249986	46.312 ng	98
58) Fluorene	15.62	166	736856	46.783 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	206995	46.819 ng	98
60) Diethylphthalate	15.39	149	798216	45.470 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	380347	44.472 ng	98
62) 4-Nitroaniline	15.63	138	180808	40.644 ng	96
63) Azobenzene	15.90	77	745685	45.803 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	143411	53.151 ng	98
66) n-Nitrosodiphenylamine	15.82	169	678493	44.425 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	247128	42.367 ng	99
68) Hexachlorobenzene	16.62	284	264450	42.075 ng	99
69) Atrazine	16.77	200	253802	51.123 ng	99
70) Pentachlorophenol	16.97	266	293930	84.835 ng	99
71) Phenanthrene	17.35	178	1138896	45.783 ng	99
72) Anthracene	17.44	178	1167629	47.494 ng	98
73) Carbazole	17.71	167	1046574	46.086 ng	97
74) Di-n-butylphthalate	18.28	149	1310370	45.194 ng	97
75) Fluoranthene	19.36	202	1310143	46.052 ng	97
77) Benzidine	19.54	184	388031	35.714 ng	98
78) Pyrene	19.72	202	1310886	46.461 ng	96
80) Butylbenzylphthalate	20.61	149	607900	45.255 ng	98
81) Benzo(a)anthracene	21.54	228	1248046	46.564 ng	97
82) 3,3'-Dichlorobenzidine	21.45	252	242837	22.933 ng	98
83) Chrysene	21.60	228	1191471	46.783 ng	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	862995	46.561 ng	97
85) Di-n-octyl phthalate	22.63	149	1505869	48.327 ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1555077	44.930 ng	100
88) Benzo(b)fluoranthene	23.68	252	1311520	44.504 ng	98
89) Benzo(k)fluoranthene	23.75	252	1301966	46.459 ng	98
90) Benzo(a)pyrene	24.52	252	1228791	44.178 ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1275062	45.646 ng	97
92) Benzo(g,h,i)perylene	29.28	276	1306504	47.086 ng	98

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

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