Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038978.D
Acq On : 7 Jan 2019 22:27
Operator : JU/SJ
Sample : K1012-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-010419-AMS

Manual Integrations APPROVED
Sohil
1/8/2019 4:49:16 PM

Quant Time: Jan 08 03:29:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29523	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	113142	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	77629	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	185160	20.00	ng	0.00
76) Chrysene-d12	21.71	240	183798	20.00	ng	-0.01
87) Perylene-d12	25.01	264	196494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	176899	106.28	ng	0.00
7) Phenol-d6	7.21	99	226978	99.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	161071	72.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	146336	136.78	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	427129	75.48	ng	-0.01
79) Terphenyl-d14	20.03	244	762014	90.23	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	19717	25.451	ng	# 29
3) Pyridine	3.91	79	51973	24.367	ng	91
4) n-Nitrosodimethylamine	3.82	42	36769	35.183	ng	# 91
6) Aniline	7.38	93	74484	25.534	ng	99
8) 2-Chlorophenol	7.61	128	71727	37.237	ng	95
9) Benzaldehyde	7.19	77	25718	17.349	ng	94
10) Phenol	7.24	94	80476	33.150	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	61470	31.803	ng	98
12) 1,3-Dichlorobenzene	7.93	146	76317	33.508	ng	98
13) 1,4-Dichlorobenzene	8.08	146	80292	34.422	ng	96
14) 1,2-Dichlorobenzene	8.40	146	75844	34.490	ng	97
15) Benzyl Alcohol	8.29	79	66197	37.114	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	126537	28.579	ng	99
17) 2-Methylphenol	8.49	107	60816	37.391	ng	97
18) Hexachloroethane	9.12	117	27780	32.592	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	52247	32.554	ng	95
20) 3+4-Methylphenols	8.82	107	82947	36.926	ng	99
22) Acetophenone	8.88	105	107770	38.134	ng	# 93
24) Nitrobenzene	9.27	77	81059	36.180	ng	94
25) Isophorone	9.78	82	149645	37.607	ng	98
26) 2-Nitrophenol	9.98	139	43529	37.960	ng	92
27) 2,4-Dimethylphenol	10.03	122	69666	42.391	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	85331	38.000	ng	94
29) 2,4-Dichlorophenol	10.52	162	82869	45.326	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	88798	40.210	ng	99
31) Naphthalene	10.91	128	232159	41.646	ng	98
32) Benzoic acid	10.18	122	44699m	43.917	ng	
33) 4-Chloroaniline	11.04	127	40578	16.766	ng	# 95
34) Hexachlorobutadiene	11.17	225	59117	39.562	ng	95
35) Caprolactam	11.83	113	21909m	28.956	ng	
36) 4-Chloro-3-methylphenol	12.15	107	84783	40.637	ng	93
37) 2-Methylnaphthalene	12.51	142	175402	44.104	ng	98
38) 1-Methylnaphthalene	12.74	142	169439	43.905	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	114116	39.327	ng	97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	122162	76.629	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	77951	43.690	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	84055	44.496	ng		98
46) 1,1'-Biphenyl	13.52	154	235743	36.225	ng		97
47) 2-Chloronaphthalene	13.56	162	190070	37.810	ng		97
48) 2-Nitroaniline	13.78	65	58308	36.415	ng		95
49) Acenaphthylene	14.41	152	312591	41.595	ng		99
50) Dimethylphthalate	14.13	163	248888	39.260	ng		98
51) 2,6-Dinitrotoluene	14.27	165	57289	39.877	ng		90
52) Acenaphthene	14.75	154	178132	39.640	ng		98
53) 3-Nitroaniline	14.61	138	42805	29.229	ng		91
54) 2,4-Dinitrophenol	14.82	184	72943	84.988	ng		96
55) Dibenzofuran	15.09	168	305405	39.648	ng		95
56) 4-Nitrophenol	14.92	139	76686	69.025	ng		96
57) 2,4-Dinitrotoluene	15.06	165	80377	39.723	ng		93
58) Fluorene	15.73	166	243685	42.699	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	77537	45.622	ng		98
60) Diethylphthalate	15.49	149	255662	36.737	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	139489	39.174	ng		99
62) 4-Nitroaniline	15.77	138	57346	38.036	ng		98
63) Azobenzene	16.01	77	202834	34.889	ng		95
65) 4,6-Dinitro-2-methylphenol	15.81	198	53299	40.352	ng		92
66) n-Nitrosodiphenylamine	15.94	169	224452	41.256	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	93808	41.483	ng		96
68) Hexachlorobenzene	16.73	284	98262	41.918	ng		94
69) Atrazine	16.88	200	90091	44.622	ng		99
70) Pentachlorophenol	17.08	266	110429	79.645	ng		94
71) Phenanthrene	17.48	178	420727	43.818	ng		99
72) Anthracene	17.57	178	417176	44.011	ng		100
73) Carbazole	17.84	167	371784	39.659	ng		99
74) Di-n-butylphthalate	18.37	149	429435	39.922	ng		99
75) Fluoranthene	19.48	202	497897	41.910	ng		98
77) Benzidine	19.67	184	142267	26.173	ng		98
78) Pyrene	19.85	202	504832	41.577	ng		99
80) Butylbenzylphthalate	20.71	149	193567	40.804	ng		96
81) Benzo(a)anthracene	21.69	228	481214	42.967	ng		100
82) 3,3'-Dichlorobenzidine	21.61	252	120513	27.131	ng		94
83) Chrysene	21.76	228	452785	41.973	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	264624	39.332	ng		99
85) Di-n-octyl phthalate	22.78	149	448465	39.801	ng		98
86) Indeno(1,2,3-cd)pyrene	28.79	276	538344	42.448	ng	#	75
88) Benzo(b)fluoranthene	23.95	252	476561	44.174	ng		98
89) Benzo(k)fluoranthene	24.02	252	460427	42.859	ng		96
90) Benzo(a)pyrene	24.85	252	456584	43.869	ng		99
91) Dibenzo(a,h)anthracene	28.84	278	448956	43.323	ng	#	97
92) Benzo(g,h,i)perylene	29.98	276	452322	44.290	ng	#	93

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

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