Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043061.D
Acq On : 5 Oct 2019 18:42
Operator : JU
Sample : K5140-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-100219MS

Manual Integrations APPROVED
mohammad
10/7/2019 4:39:16 PM

Quant Time: Oct 07 09:08:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69053	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	245755	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	111585	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	372986	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	355174	20.00	ng		-0.02
87) Perylene-d12	24.91	264	38871	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	548290	141.70	ng		0.00
7) Phenol-d6	7.24	99	572969	102.83	ng		0.00
23) Nitrobenzene-d5	9.22	82	482142	95.36	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	441596	230.14	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1157152	150.34	ng		-0.02
79) Terphenyl-d14	20.03	244	2025580	121.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	60431	37.459	ng	#	44
3) Pyridine	4.32	79	25299m	5.576	ng		
4) n-Nitrosodimethylamine	3.86	42	80935	37.092	ng		89
6) Aniline	7.48	93	185079	27.516	ng	#	54
8) 2-Chlorophenol	7.64	128	212449	52.649	ng		96
9) Benzaldehyde	7.20	77	88969	26.130	ng		86
10) Phenol	7.26	94	226187	44.244	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	185079	46.791	ng		91
12) 1,3-Dichlorobenzene	7.95	146	229626	44.608	ng		97
13) 1,4-Dichlorobenzene	8.10	146	236641	46.115	ng		97
14) 1,2-Dichlorobenzene	8.42	146	226565	46.375	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	275259	36.236	ng		97
17) 2-Methylphenol	8.51	107	130088	36.367	ng		95
18) Hexachloroethane	9.15	117	84483	43.714	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	160701	43.922	ng		94
20) 3+4-Methylphenols	8.84	107	175516	35.805	ng		97
22) Acetophenone	8.88	105	314419	49.634	ng	#	98
24) Nitrobenzene	9.27	77	246794	51.173	ng		97
25) Isophorone	9.79	82	452199	50.916	ng		98
26) 2-Nitrophenol	9.98	139	120717	58.799	ng		93
27) 2,4-Dimethylphenol	10.04	122	149600	47.448	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	33923	6.732	ng		98
29) 2,4-Dichlorophenol	10.52	162	221768	56.555	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	252047	49.774	ng		96
31) Naphthalene	10.92	128	632342	52.270	ng		99
32) Benzoic acid	10.21	122	138493	54.828	ng		96
34) Hexachlorobutadiene	11.20	225	181377	47.837	ng		99
35) Caprolactam	11.81	113	63405	45.851	ng	#	87
36) 4-Chloro-3-methylphenol	12.14	107	203839	47.810	ng		95
37) 2-Methylnaphthalene	12.51	142	467862	50.695	ng		93
38) 1-Methylnaphthalene	12.73	142	438892	50.258	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	304449	72.565	ng		97
41) Hexachlorocyclopentadiene	12.87	237	395522	147.959	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	202927	82.637	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	216884	85.735	ng		98
46) 1,1'-Biphenyl	13.52	154	638217	75.421	ng		98
47) 2-Chloronaphthalene	13.56	162	501354	79.024	ng		99
48) 2-Nitroaniline	13.76	65	86242	40.877	ng		95
49) Acenaphthylene	14.41	152	252906	26.052	ng		97
50) Dimethylphthalate	14.14	163	715550	85.585	ng		99
51) 2,6-Dinitrotoluene	14.25	165	147529	82.860	ng		90
52) Acenaphthene	14.75	154	332959	51.241	ng		98
53) 3-Nitroaniline	14.60	138	23023	12.512	ng	#	99
54) 2,4-Dinitrophenol	14.79	184	190215	171.875	ng		97
55) Dibenzofuran	15.08	168	754819	78.527	ng		98
56) 4-Nitrophenol	14.91	139	205187	146.356	ng		94
57) 2,4-Dinitrotoluene	15.04	165	208834	80.096	ng		97
58) Fluorene	15.73	166	613650	74.776	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	216521	80.387	ng		98
60) Diethylphthalate	15.49	149	620068	72.875	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	372043	75.591	ng		98
62) 4-Nitroaniline	15.75	138	39984	19.925	ng		92
63) Azobenzene	16.01	77	181826	23.472	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	132288	62.678	ng		95
67) 4-Bromophenyl-phenylether	16.61	248	257012	54.901	ng		98
68) Hexachlorobenzene	16.73	284	290391	55.712	ng		97
70) Pentachlorophenol	17.08	266	362706	120.595	ng		99
71) Phenanthrene	17.47	178	988222	54.270	ng		98
72) Anthracene	17.56	178	884435	48.653	ng		99
74) Di-n-butylphthalate	18.38	149	1033444	51.382	ng		98
75) Fluoranthene	19.47	202	1150866	47.783	ng		99
78) Pyrene	19.83	202	608171	28.689	ng		99
80) Butylbenzylphthalate	20.72	149	227189	28.234	ng		97
81) Benzo(a)anthracene	21.67	228	1145126	51.744	ng		98
83) Chrysene	21.74	228	1196387	55.708	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	710894	62.088	ng		98
85) Di-n-octyl phthalate	22.79	149	1197623	63.966	ng		96
86) Indeno(1,2,3-cd)pyrene	28.57	276	769655	28.787	ng	#	76
88) Benzo(b)fluoranthene	23.89	252	1211956	551.034	ng		99
89) Benzo(k)fluoranthene	23.95	252	835983	384.212	ng		98
90) Benzo(a)pyrene	24.75	252	455101	219.318	ng		99
91) Dibenzo(a,h)anthracene	28.64	278	1138060	534.848	ng		99
92) Benzo(g,h,i)perylene	29.72	276	549529	266.544	ng		98

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

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