Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
Data File : BG039143.D
Acq On : 15 Jan 2019 22:28
Operator : JU/SJ
Sample : K1142-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Manual Integrations APPROVED
Sohil
1/16/2019 2:06:03 PM

Quant Time: Jan 16 04:43:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	1719	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	14187	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	24886	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	114822	20.00	ng	0.00
76) Chrysene-d12	21.69	240	189325	20.00	ng	-0.01
87) Perylene-d12	24.96	264	180903	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	19695	217.34	ng	0.00
7) Phenol-d6	7.19	99	40638	311.62	ng	0.00
23) Nitrobenzene-d5	9.20	82	22362	86.25	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	82225	197.11	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	92158	50.68	ng	0.00
79) Terphenyl-d14	20.02	244	793488	77.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	295	8.313	ng	# 1
3) Pyridine	3.89	79	1973	20.462	ng	92
4) n-Nitrosodimethylamine	3.79	42	2542m	58.585	ng	
6) Aniline	7.35	93	9035	57.688	ng	95
8) 2-Chlorophenol	7.59	128	7682	71.916	ng	92
9) Benzaldehyde	7.18	77	1972	26.221	ng	87
10) Phenol	7.21	94	13864	106.037	ng	93
11) bis(2-Chloroethyl)ether	7.44	93	5415	54.189	ng	89
12) 1,3-Dichlorobenzene	7.91	146	4755	37.153	ng	92
13) 1,4-Dichlorobenzene	8.06	146	5420	41.815	ng	94
14) 1,2-Dichlorobenzene	8.38	146	5521	44.674	ng	90
15) Benzyl Alcohol	8.27	79	8666	88.240	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.55	45	10056	52.480	ng	92
17) 2-Methylphenol	8.47	107	9495	104.585	ng	91
18) Hexachloroethane	9.10	117	1587	36.039	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	6106	71.301	ng	# 92
20) 3+4-Methylphenols	8.80	107	13257	102.418	ng	91
22) Acetophenone	8.86	105	13358	36.055	ng	# 92
24) Nitrobenzene	9.25	77	10483	40.002	ng	93
25) Isophorone	9.76	82	23409	52.416	ng	96
26) 2-Nitrophenol	9.96	139	6586	46.463	ng	96
27) 2,4-Dimethylphenol	10.00	122	13930	69.852	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	11049	41.165	ng	95
29) 2,4-Dichlorophenol	10.49	162	15479	62.480	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	10100	33.930	ng	86
31) Naphthalene	10.89	128	29726	41.777	ng	97
32) Benzoic acid	10.16	122	6896m	54.606	ng	
33) 4-Chloroaniline	11.02	127	14172	44.512	ng	98
34) Hexachlorobutadiene	11.14	225	5171	25.246	ng	# 82
35) Caprolactam	11.78	113	12640	127.233	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	22623	85.377	ng	94
37) 2-Methylnaphthalene	12.49	142	29516	55.328	ng	99
38) 1-Methylnaphthalene	12.71	142	29758	58.116	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	19955	21.351	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	6412	17.042	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	20006	34.011	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	27758	44.648	ng		97
46) 1,1'-Biphenyl	13.49	154	48688	24.691	ng		98
47) 2-Chloronaphthalene	13.55	162	43777	27.434	ng		99
48) 2-Nitroaniline	13.76	65	24787	55.446	ng		94
49) Acenaphthylene	14.39	152	106463	44.388	ng		98
50) Dimethylphthalate	14.11	163	130835	62.214	ng		99
51) 2,6-Dinitrotoluene	14.25	165	22242	47.306	ng		94
52) Acenaphthene	14.73	154	56144	38.960	ng		98
53) 3-Nitroaniline	14.59	138	23712	49.715	ng		91
54) 2,4-Dinitrophenol	14.79	184	17262	62.660	ng		91
55) Dibenzofuran	15.06	168	113373	44.546	ng		99
56) 4-Nitrophenol	14.89	139	69911	203.713	ng		96
57) 2,4-Dinitrotoluene	15.03	165	42633	63.203	ng		95
58) Fluorene	15.71	166	98984	51.669	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	40817	69.551	ng		99
60) Diethylphthalate	15.47	149	109043	50.326	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	50381	41.743	ng		98
62) 4-Nitroaniline	15.75	138	44000	88.554	ng		100
63) Azobenzene	15.99	77	76168	44.952	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	24341	28.614	ng		95
66) n-Nitrosodiphenylamine	15.91	169	99427	29.210	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	41985	28.445	ng		98
68) Hexachlorobenzene	16.71	284	49096	30.484	ng		97
69) Atrazine	16.86	200	63064	43.612	ng		97
70) Pentachlorophenol	17.06	266	62291	63.860	ng		95
71) Phenanthrene	17.45	178	247937	40.852	ng		97
72) Anthracene	17.55	178	258091	43.010	ng		98
73) Carbazole	17.82	167	291922	49.279	ng		99
74) Di-n-butylphthalate	18.35	149	283778	43.061	ng		99
75) Fluoranthene	19.47	202	460156	61.160	ng		99
77) Benzidine	19.65	184	115537	19.952	ng		98
78) Pyrene	19.83	202	466981	38.704	ng		99
80) Butylbenzylphthalate	20.70	149	195794	42.667	ng		99
81) Benzo(a)anthracene	21.67	228	481499	41.778	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	97670	20.799	ng		97
83) Chrysene	21.74	228	457182	41.708	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	284600	44.666	ng		97
85) Di-n-octyl phthalate	22.75	149	423519	39.309	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	509999	38.938	ng	#	98
88) Benzo(b)fluoranthene	23.92	252	443196	44.431	ng		98
89) Benzo(k)fluoranthene	23.99	252	421410	42.729	ng		99
90) Benzo(a)pyrene	24.81	252	415764	43.122	ng		99
91) Dibenzo(a,h)anthracene	28.78	278	418202	43.607	ng		99
92) Benzo(g,h,i)perylene	29.89	276	404257	42.579	ng		96

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

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