Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043639.D
Acq On : 14 Nov 2019 18:30
Operator : JU
Sample : K5832-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Manual Integrations APPROVED
mohammad
11/15/2019 6:00:35 PM

Quant Time: Nov 15 02:47:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29660	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	111247	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	80255	20.00	ng		-0.01
64) Phenanthrene-d10	17.37	188	190270	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	205682	20.00	ng		-0.01
87) Perylene-d12	24.82	264	248296	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	264506	163.42	ng		0.00
7) Phenol-d6	7.21	99	381831	163.96	ng		0.00
23) Nitrobenzene-d5	9.16	82	234594	108.72	ng		-0.01
42) 2,4,6-Tribromophenol	16.13	330	225947	147.94	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	603867	103.97	ng		-0.01
79) Terphenyl-d14	19.99	244	1133252	103.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	22493	35.660	ng	#	96
3) Pyridine	3.86	79	58071	36.497	ng		97
4) n-Nitrosodimethylamine	3.77	42	37413	46.598	ng		88
6) Aniline	7.33	93	79094	29.483	ng		99
8) 2-Chlorophenol	7.58	128	86857	48.612	ng		93
9) Benzaldehyde	7.14	77	41035	35.855	ng		94
10) Phenol	7.23	94	115458	54.256	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	71619	43.530	ng		99
12) 1,3-Dichlorobenzene	7.89	146	93518	41.774	ng		95
13) 1,4-Dichlorobenzene	8.03	146	96165	42.458	ng		98
14) 1,2-Dichlorobenzene	8.35	146	90563	40.951	ng		99
15) Benzyl Alcohol	8.25	79	77015	47.089	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	97580	40.788	ng		98
17) 2-Methylphenol	8.47	107	74289	47.887	ng		97
18) Hexachloroethane	9.07	117	34045	41.662	ng		91
19) n-Nitroso-di-n-propylamine	8.80	70	64130	42.617	ng		91
20) 3+4-Methylphenols	8.80	107	98674	46.385	ng		89
22) Acetophenone	8.82	105	126151	44.280	ng	#	93
24) Nitrobenzene	9.20	77	97914	47.633	ng	#	96
25) Isophorone	9.72	82	181410	45.983	ng		99
26) 2-Nitrophenol	9.91	139	49562	49.941	ng		93
27) 2,4-Dimethylphenol	9.99	122	80295	56.451	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	98519	45.246	ng		96
29) 2,4-Dichlorophenol	10.47	162	91953	50.455	ng		92
30) 1,2,4-Trichlorobenzene	10.67	180	105045	45.732	ng		97
31) Naphthalene	10.85	128	270245	47.858	ng		99
32) Benzoic acid	10.18	122	41568	40.107	ng		99
33) 4-Chloroaniline	10.97	127	38684	16.712	ng		95
34) Hexachlorobutadiene	11.14	225	73691	43.399	ng		98
35) Caprolactam	11.74	113	30373m	48.390	ng		
36) 4-Chloro-3-methylphenol	12.12	107	100163	50.386	ng		94
37) 2-Methylnaphthalene	12.46	142	207594	47.913	ng		96
38) 1-Methylnaphthalene	12.68	142	195225	47.356	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	137482	46.288	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	124981	80.105 ng	98
43) 2,4,6-Trichlorophenol	13.08	196	84428	48.269 ng	96
44) 2,4,5-Trichlorophenol	13.16	196	87094	49.252 ng	95
46) 1,1'-Biphenyl	13.46	154	276981	45.367 ng	97
47) 2-Chloronaphthalene	13.50	162	214073	46.083 ng	96
48) 2-Nitroaniline	13.72	65	66125	47.626 ng	95
49) Acenaphthylene	14.35	152	353789	48.934 ng	99
50) Dimethylphthalate	14.09	163	367851	59.175 ng	99
51) 2,6-Dinitrotoluene	14.20	165	65101	48.206 ng	96
52) Acenaphthene	14.69	154	208409	47.269 ng	97
53) 3-Nitroaniline	14.54	138	34837	26.718 ng	99
54) 2,4-Dinitrophenol	14.76	184	61064	73.101 ng	97
55) Dibenzofuran	15.03	168	343524	48.046 ng	98
56) 4-Nitrophenol	14.89	139	85787	98.182 ng	93
57) 2,4-Dinitrotoluene	15.00	165	90238	46.756 ng	96
58) Fluorene	15.68	166	289104	48.210 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	85647	45.587 ng	95
60) Diethylphthalate	15.44	149	285502	45.709 ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	163688	46.790 ng	96
62) 4-Nitroaniline	15.71	138	60320	44.796 ng	93
63) Azobenzene	15.96	77	241631	47.800 ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	53363	47.656 ng	94
66) n-Nitrosodiphenylamine	15.88	169	255085	47.486 ng	97
67) 4-Bromophenyl-phenylether	16.56	248	116871	45.642 ng	99
68) Hexachlorobenzene	16.68	284	129421	44.032 ng	96
69) Atrazine	16.83	200	109597	58.715 ng	99
70) Pentachlorophenol	17.04	266	105946	79.105 ng	98
71) Phenanthrene	17.42	178	456850	46.889 ng	99
72) Anthracene	17.51	178	474667	48.692 ng	98
73) Carbazole	17.78	167	424016	48.032 ng	98
74) Di-n-butylphthalate	18.33	149	496091	46.315 ng	98
75) Fluoranthene	19.43	202	603812	47.536 ng	99
77) Benzidine	19.61	184	328858	79.446 ng	99
78) Pyrene	19.79	202	604423	47.475 ng	100
80) Butylbenzylphthalate	20.67	149	229048	47.486 ng	99
81) Benzo(a)anthracene	21.62	228	630969	48.974 ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	137308	27.554 ng	99
83) Chrysene	21.68	228	608285	47.519 ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	339284	49.518 ng	99
85) Di-n-octyl phthalate	22.71	149	586899	50.488 ng	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	808777	50.333 ng	100
88) Benzo(b)fluoranthene	23.81	252	673510	47.893 ng	99
89) Benzo(k)fluoranthene	23.88	252	682467	48.207 ng	99
90) Benzo(a)pyrene	24.67	252	624863	46.531 ng	99
91) Dibenzo(a,h)anthracene	28.51	278	686147	49.953 ng	97
92) Benzo(g,h,i)perylene	29.59	276	683685	50.460 ng	97

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

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