Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041597.D
Acq On : 3 Jul 2019 19:44
Operator : HP/JU
Sample : K3618-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070219MS

Manual Integrations APPROVED
mohammad
7/5/2019 8:43:02 AM

Quant Time: Jul 04 04:40:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	25234	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	89763	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67270	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	191813	20.00	ng	0.00
76) Chrysene-d12	21.69	240	221625	20.00	ng	0.00
87) Perylene-d12	24.98	264	245893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	168973	119.38	ng	0.00
7) Phenol-d6	7.19	99	219670	110.25	ng	0.00
23) Nitrobenzene-d5	9.21	82	186382	86.60	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	163689	142.51	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	452917	86.40	ng	0.00
79) Terphenyl-d14	20.03	244	1057071	101.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	19581	30.562	ng	# 26
3) Pyridine	3.84	79	44446	27.342	ng	96
4) n-Nitrosodimethylamine	3.75	42	32261	35.664	ng	99
6) Aniline	7.36	93	23474	9.140	ng	95
8) 2-Chlorophenol	7.59	128	64929	40.905	ng	96
9) Benzaldehyde	7.17	77	41368	34.379	ng	96
10) Phenol	7.22	94	69055	34.388	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	56894	35.727	ng	99
12) 1,3-Dichlorobenzene	7.92	146	74575	36.318	ng	97
13) 1,4-Dichlorobenzene	8.06	146	76470	36.942	ng	97
14) 1,2-Dichlorobenzene	8.38	146	72884	36.774	ng	98
15) Benzyl Alcohol	8.28	79	60113	37.884	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	70108	31.350	ng	95
17) 2-Methylphenol	8.47	107	55243	37.792	ng	99
18) Hexachloroethane	9.10	117	29277	35.845	ng	92
19) n-Nitroso-di-n-propylamine	8.84	70	53125	35.745	ng	94
20) 3+4-Methylphenols	8.81	107	73377	37.662	ng	96
22) Acetophenone	8.86	105	109640	40.720	ng	98
24) Nitrobenzene	9.26	77	88884	41.144	ng	97
25) Isophorone	9.77	82	148709	38.485	ng	97
26) 2-Nitrophenol	9.97	139	34848	38.626	ng	96
27) 2,4-Dimethylphenol	10.01	122	61138	48.690	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	75174	36.791	ng	97
29) 2,4-Dichlorophenol	10.51	162	74225	43.764	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	87625	40.310	ng	94
31) Naphthalene	10.90	128	207628	41.826	ng	97
32) Benzoic acid	10.17	122	9648m	20.059	ng	
33) 4-Chloroaniline	11.04	127	6043	2.892	ng	# 89
34) Hexachlorobutadiene	11.16	225	68858	39.906	ng	99
35) Caprolactam	11.82	113	16056m	30.319	ng	
36) 4-Chloro-3-methylphenol	12.14	107	79701	43.372	ng	97
37) 2-Methylnaphthalene	12.51	142	151609	41.340	ng	97
38) 1-Methylnaphthalene	12.72	142	144014	41.161	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	120599	40.714	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	119613	74.680	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	72169	41.065	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	77817m	44.445	ng		
46) 1,1'-Biphenyl	13.50	154	212315	39.982	ng		96
47) 2-Chloronaphthalene	13.56	162	176806	38.782	ng		98
48) 2-Nitroaniline	13.77	65	54197	35.069	ng		96
49) Acenaphthylene	14.40	152	282751	41.494	ng		100
50) Dimethylphthalate	14.13	163	250229	40.876	ng		98
51) 2,6-Dinitrotoluene	14.26	165	53307	41.033	ng		93
52) Acenaphthene	14.74	154	161562	39.982	ng		99
53) 3-Nitroaniline	14.61	138	9698	7.820	ng		89
54) 2,4-Dinitrophenol	14.81	184	34280	43.808	ng		94
55) Dibenzofuran	15.07	168	296542	42.154	ng		98
56) 4-Nitrophenol	14.91	139	66723	83.364	ng		89
57) 2,4-Dinitrotoluene	15.05	165	79685	42.281	ng		99
58) Fluorene	15.72	166	242367	43.307	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	83982m	45.499	ng		
60) Diethylphthalate	15.48	149	255180	40.723	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	150668	41.738	ng		98
62) 4-Nitroaniline	15.77	138	46926	38.823	ng		93
63) Azobenzene	16.00	77	218182	41.298	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	36585	30.796	ng		98
66) n-Nitrosodiphenylamine	15.92	169	212819	40.313	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	106156	40.499	ng		98
68) Hexachlorobenzene	16.72	284	114218	40.443	ng		98
69) Atrazine	16.87	200	100144	44.815	ng		94
70) Pentachlorophenol	17.07	266	106744	83.415	ng		94
71) Phenanthrene	17.46	178	453692	42.930	ng		99
72) Anthracene	17.56	178	456247	43.148	ng		99
73) Carbazole	17.83	167	397405	44.210	ng		100
74) Di-n-butylphthalate	18.36	149	462628	40.948	ng		98
75) Fluoranthene	19.47	202	631350	44.808	ng		98
77) Benzidine	19.67	184	56154	11.419	ng		97
78) Pyrene	19.84	202	640248	42.318	ng		99
80) Butylbenzylphthalate	20.70	149	210946	37.333	ng		95
81) Benzo(a)anthracene	21.68	228	642844	41.721	ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	67539	12.659	ng		98
83) Chrysene	21.75	228	619744	41.554	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	303653	37.907	ng		100
85) Di-n-octyl phthalate	22.76	149	527226	38.893	ng		99
86) Indeno(1,2,3-cd)pyrene	28.77	276	786492	43.550	ng	#	99
88) Benzo(b)fluoranthene	23.93	252	656117	41.834	ng		99
89) Benzo(k)fluoranthene	24.00	252	660990	42.927	ng		99
90) Benzo(a)pyrene	24.83	252	645054	43.305	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	648436	43.452	ng		98
92) Benzo(g,h,i)perylene	29.96	276	647806	43.660	ng		98

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

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