Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
Data File : BG042759.D
Acq On : 6 Sep 2019 22:26
Operator : HP/JU
Sample : K4696-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-SB09-COMPMS

Manual Integrations APPROVED
mohammad
9/10/2019 9:59:58 AM

Quant Time: Sep 07 02:05:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35411	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	141098	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	114634	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	259523	20.00	ng		0.00
76) Chrysene-d12	21.69	240	214124	20.00	ng		0.00
87) Perylene-d12	24.93	264	264033	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	189028	108.11	ng		0.00
7) Phenol-d6	7.17	99	261495	110.72	ng		0.00
23) Nitrobenzene-d5	9.17	82	140810	68.96	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	188236	115.53	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	501744	74.03	ng		0.00
79) Terphenyl-d14	20.02	244	764980	77.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	20329	27.861	ng		95
3) Pyridine	3.82	79	51100	27.311	ng		97
4) n-Nitrosodimethylamine	3.73	42	26923	40.288	ng		87
6) Aniline	7.31	93	102115	32.417	ng		99
8) 2-Chlorophenol	7.56	128	96508	45.545	ng		98
9) Benzaldehyde	7.12	77	46412	39.253	ng		96
10) Phenol	7.19	94	112314	46.772	ng		91
11) bis(2-Chloroethyl)ether	7.41	93	70420	37.341	ng		95
12) 1,3-Dichlorobenzene	7.89	146	105489	39.134	ng		99
13) 1,4-Dichlorobenzene	8.03	146	106912	39.155	ng		97
14) 1,2-Dichlorobenzene	8.35	146	103965	39.760	ng		97
15) Benzyl Alcohol	8.24	79	73643	43.341	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87007	34.039	ng		97
17) 2-Methylphenol	8.45	107	78893	44.606	ng		97
18) Hexachloroethane	9.09	117	35369	37.838	ng		91
19) n-Nitroso-di-n-propylamine	8.81	70	57991	37.901	ng	#	94
20) 3+4-Methylphenols	8.78	107	107019	43.727	ng		97
22) Acetophenone	8.83	105	133488	44.233	ng	#	99
24) Nitrobenzene	9.21	77	86725	41.944	ng		98
25) Isophorone	9.73	82	166684	41.365	ng		99
26) 2-Nitrophenol	9.93	139	59780	46.137	ng	#	92
27) 2,4-Dimethylphenol	9.99	122	92594	51.878	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	102513	40.363	ng		98
29) 2,4-Dichlorophenol	10.47	162	119149	51.023	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	131053	45.722	ng		99
31) Naphthalene	10.87	128	292874	44.708	ng		99
32) Benzoic acid	10.18	122	44048	36.387	ng		97
33) 4-Chloroaniline	10.98	127	78499	25.958	ng		96
34) Hexachlorobutadiene	11.15	225	88596	45.991	ng		98
35) Caprolactam	11.78	113	35093m	45.037	ng		
36) 4-Chloro-3-methylphenol	12.12	107	107694	48.581	ng		96
37) 2-Methylnaphthalene	12.48	142	247170	46.990	ng		99
38) 1-Methylnaphthalene	12.70	142	233220	46.678	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	174200	47.320	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	144684	74.821	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	114207	45.897	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	122843	47.639	ng		99
46) 1,1'-Biphenyl	13.49	154	334937	45.200	ng		97
47) 2-Chloronaphthalene	13.53	162	275004	43.041	ng		99
48) 2-Nitroaniline	13.74	65	60394	39.198	ng		97
49) Acenaphthylene	14.38	152	437099	45.471	ng		99
50) Dimethylphthalate	14.12	163	414227	50.080	ng		100
51) 2,6-Dinitrotoluene	14.23	165	86848	45.299	ng		97
52) Acenaphthene	14.73	154	255010	43.689	ng		97
53) 3-Nitroaniline	14.57	138	58014	30.257	ng		95
54) 2,4-Dinitrophenol	14.79	184	92334	72.114	ng		98
55) Dibenzofuran	15.06	168	443615	45.914	ng		98
56) 4-Nitrophenol	14.90	139	105422	77.376	ng		94
57) 2,4-Dinitrotoluene	15.03	165	122246	44.527	ng		99
58) Fluorene	15.71	166	363063	45.969	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	123872m	48.576	ng		
60) Diethylphthalate	15.47	149	350292	43.323	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	221308	46.483	ng		98
62) 4-Nitroaniline	15.74	138	80709	39.330	ng		92
63) Azobenzene	16.00	77	226993	40.970	ng		94
65) 4,6-Dinitro-2-methylphenol	15.80	198	78791	48.424	ng		98
66) n-Nitrosodiphenylamine	15.91	169	338405	47.415	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	156129	47.429	ng		98
68) Hexachlorobenzene	16.72	284	164382	45.936	ng		99
69) Atrazine	16.87	200	120650	47.803	ng		96
70) Pentachlorophenol	17.07	266	153537	82.576	ng		99
71) Phenanthrene	17.46	178	581600	45.117	ng		99
72) Anthracene	17.55	178	598409	46.500	ng		98
73) Carbazole	17.82	167	471697	41.127	ng		97
74) Di-n-butylphthalate	18.37	149	543535	40.090	ng		100
75) Fluoranthene	19.47	202	646368	41.085	ng		96
77) Benzidine	19.64	184	276901	45.105	ng		98
78) Pyrene	19.83	202	626492	47.722	ng		98
80) Butylbenzylphthalate	20.71	149	206263	39.947	ng		95
81) Benzo(a)anthracene	21.67	228	600510	46.102	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	183778	35.081	ng		99
83) Chrysene	21.74	228	573279	45.636	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	299382	41.760	ng		97
85) Di-n-octyl phthalate	22.78	149	530006	42.984	ng		98
86) Indeno(1,2,3-cd)pyrene	28.66	276	773635	45.318	ng	#	98
88) Benzo(b)fluoranthene	23.91	252	661745	45.589	ng	#	97
89) Benzo(k)fluoranthene	23.97	252	651292	46.679	ng	#	98
90) Benzo(a)pyrene	24.79	252	653760	47.463	ng	#	98
91) Dibenzo(a,h)anthracene	28.72	278	642044	46.037	ng		98
92) Benzo(g,h,i)perylene	29.81	276	648925	46.523	ng		97

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

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