Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042883.D
Acq On : 18 Sep 2019 1:07
Operator : HP/JU
Sample : K4871-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE-4-11MS

Manual Integrations APPROVED
mohammad
9/18/2019 2:18:46 PM

Quant Time: Sep 18 03:08:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	68989	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	279402	20.00	ng		-0.02
39) Acenaphthene-d10	14.72	164	195377	20.00	ng		-0.02
64) Phenanthrene-d10	17.47	188	423559	20.00	ng		-0.02
76) Chrysene-d12	21.75	240	387250	20.00	ng		0.00
87) Perylene-d12	25.03	264	404865	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	257817	64.97	ng		0.02
7) Phenol-d6	7.30	99	248315	43.60	ng		0.03
23) Nitrobenzene-d5	9.28	82	522217	97.31	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	419798	161.50	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	1181115	95.69	ng		-0.02
79) Terphenyl-d14	20.08	244	1765969	101.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	16832	9.294	ng	#	89
3) Pyridine	4.04	79	18841	3.455	ng		90
4) n-Nitrosodimethylamine	3.92	42	34340	12.943	ng	#	79
6) Aniline	7.45	93	40407	5.258	ng		96
8) 2-Chlorophenol	7.69	128	166530	38.824	ng		99
9) Benzaldehyde	7.25	77	98634	26.611	ng		93
10) Phenol	7.32	94	117944	20.192	ng		94
11) bis(2-Chloroethyl)ether	7.53	93	175813	39.219	ng		96
12) 1,3-Dichlorobenzene	7.99	146	186243	35.599	ng		99
13) 1,4-Dichlorobenzene	8.14	146	189251	36.131	ng		97
14) 1,2-Dichlorobenzene	8.46	146	184661	37.036	ng		99
15) Benzyl Alcohol	8.36	79	110273	22.560	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	399364	40.568	ng		97
17) 2-Methylphenol	8.56	107	125798	32.192	ng		98
18) Hexachloroethane	9.19	117	68711	35.532	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	172249	41.042	ng		96
20) 3+4-Methylphenols	8.89	107	155594	28.884	ng		96
22) Acetophenone	8.94	105	310947	44.066	ng	#	97
24) Nitrobenzene	9.32	77	261637	46.446	ng		98
25) Isophorone	9.87	82	472207	42.213	ng	#	96
26) 2-Nitrophenol	10.03	139	116345	52.524	ng		93
27) 2,4-Dimethylphenol	10.10	122	182064	46.465	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	257445	41.268	ng		98
29) 2,4-Dichlorophenol	10.57	162	213896	46.976	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	231089	41.569	ng		100
31) Naphthalene	10.96	128	600220	43.510	ng		98
32) Benzoic acid	10.23	122	46371	18.778	ng		96
33) 4-Chloroaniline	11.07	127	73319	11.371	ng		98
34) Hexachlorobutadiene	11.25	225	158388	40.665	ng		99
35) Caprolactam	11.96	113	9173m	5.417	ng		
36) 4-Chloro-3-methylphenol	12.20	107	212641	43.011	ng		99
37) 2-Methylnaphthalene	12.56	142	473465	45.817	ng		98
38) 1-Methylnaphthalene	12.78	142	440542	45.454	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	313579	48.571	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	432923	117.052	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	213935	49.773	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	225489	51.217	ng		98
46) 1,1'-Biphenyl	13.56	154	639376	46.746	ng		98
47) 2-Chloronaphthalene	13.61	162	509525	45.033	ng		98
48) 2-Nitroaniline	13.81	65	178920	45.585	ng		97
49) Acenaphthylene	14.45	152	795336	45.999	ng		97
50) Dimethylphthalate	14.19	163	759243	51.875	ng		100
51) 2,6-Dinitrotoluene	14.30	165	152564	50.800	ng		99
52) Acenaphthene	14.79	154	494427	43.771	ng		99
53) 3-Nitroaniline	14.63	138	58743	17.428	ng	#	97
54) 2,4-Dinitrophenol	14.83	184	200081	135.333	ng	#	71
55) Dibenzofuran	15.12	168	797650	47.507	ng		96
56) 4-Nitrophenol	14.96	139	85663	32.870	ng		93
57) 2,4-Dinitrotoluene	15.09	165	211859	52.925	ng		99
58) Fluorene	15.77	166	657424	47.246	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	227646	53.340	ng		98
60) Diethylphthalate	15.55	149	651965	43.883	ng		98
61) 4-Chlorophenyl-phenylether	15.76	204	390297	47.439	ng		98
62) 4-Nitroaniline	15.80	138	107916	29.703	ng		84
63) Azobenzene	16.06	77	623779	43.601	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	142586	78.675	ng		89
66) n-Nitrosodiphenylamine	15.98	169	584732	51.303	ng		97
67) 4-Bromophenyl-phenylether	16.65	248	257899	50.306	ng		100
68) Hexachlorobenzene	16.77	284	268183	48.956	ng		99
69) Atrazine	16.95	200	179185	45.146	ng		97
70) Pentachlorophenol	17.12	266	373331	114.882	ng		94
71) Phenanthrene	17.51	178	985562	48.655	ng		98
72) Anthracene	17.60	178	998924	49.361	ng		99
73) Carbazole	17.88	167	900977	46.842	ng		97
74) Di-n-butylphthalate	18.43	149	995366	43.200	ng		99
75) Fluoranthene	19.52	202	1184837	45.132	ng		99
78) Pyrene	19.88	202	1191398	49.141	ng		99
80) Butylbenzylphthalate	20.77	149	424964	43.311	ng		94
81) Benzo(a)anthracene	21.73	228	1120745	45.518	ng		97
83) Chrysene	21.80	228	1089061	46.696	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	569903	42.509	ng	#	99
85) Di-n-octyl phthalate	22.88	149	939393	41.102	ng		98
86) Indeno(1,2,3-cd)pyrene	28.76	276	1276530	44.198	ng	#	90
88) Benzo(b)fluoranthene	23.99	252	1107990	46.608	ng	#	97
89) Benzo(k)fluoranthene	24.06	252	1089674	48.524	ng	#	98
90) Benzo(a)pyrene	24.87	252	1058508	47.552	ng	#	98
91) Dibenzo(a,h)anthracene	28.83	278	1086002	49.604	ng	#	97
92) Benzo(g,h,i)perylene	29.93	276	1060167	49.645	ng	#	92

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

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