Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
Data File : BG043981.D
Acq On : 9 Jan 2020 1:15
Operator : JU
Sample : L1017-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-010620MS

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:10 PM

Quant Time: Jan 09 07:19:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	120866	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	484782	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	314105	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	666585	20.00	ng	0.00
76) Chrysene-d12	21.58	240	579241	20.00	ng	-0.01
87) Perylene-d12	24.69	264	662054	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	978329	148.62	ng	0.00
7) Phenol-d6	7.12	99	1348973	146.61	ng	0.00
23) Nitrobenzene-d5	9.11	82	794906	87.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	511865	155.72	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1674192	96.57	ng	-0.01
79) Terphenyl-d14	19.95	244	2376787	105.00	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	119430	41.611	ng	# 46
3) Pyridine	3.85	79	315127	37.166	ng	94
4) n-Nitrosodimethylamine	3.74	42	165687	43.891	ng	100
6) Aniline	7.28	93	152463	12.615	ng	94
8) 2-Chlorophenol	7.52	128	389244	50.369	ng	98
9) Benzaldehyde	7.08	77	196381	33.346	ng	97
10) Phenol	7.15	94	476828	50.296	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	368880	45.076	ng	98
12) 1,3-Dichlorobenzene	7.85	146	368446	40.743	ng	100
13) 1,4-Dichlorobenzene	7.99	146	372646	41.763	ng	99
14) 1,2-Dichlorobenzene	8.31	146	358389	41.846	ng	99
15) Benzyl Alcohol	8.19	79	345742	47.610	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	509752	40.263	ng	98
17) 2-Methylphenol	8.40	107	347040	50.585	ng	99
18) Hexachloroethane	9.04	117	139233	40.102	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	297723	43.448	ng	98
20) 3+4-Methylphenols	8.73	107	472261	49.345	ng	99
22) Acetophenone	8.78	105	539047	44.726	ng	# 98
24) Nitrobenzene	9.15	77	412683	45.980	ng	99
25) Isophorone	9.68	82	813081	47.825	ng	99
26) 2-Nitrophenol	9.86	139	223603	52.658	ng	97
27) 2,4-Dimethylphenol	9.93	122	376053	58.832	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	509110	44.917	ng	99
29) 2,4-Dichlorophenol	10.40	162	389807	51.125	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	375489	43.922	ng	96
31) Naphthalene	10.80	128	1112888	47.439	ng	100
32) Benzoic acid	10.06	122	115555m	25.565	ng	
33) 4-Chloroaniline	10.92	127	28085	2.510	ng	97
34) Hexachlorobutadiene	11.10	225	213793	40.959	ng	99
35) Caprolactam	11.68	113	151647m	53.427	ng	
36) 4-Chloro-3-methylphenol	12.04	107	430151	52.995	ng	98
37) 2-Methylnaphthalene	12.41	142	839817	47.550	ng	99
38) 1-Methylnaphthalene	12.63	142	803576	48.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	400078	43.456	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	460887	96.562	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	317374	50.100	ng		98
44) 2,4,5-Trichlorophenol	13.09	196	342200	52.376	ng		98
46) 1,1'-Biphenyl	13.42	154	1071618	47.583	ng		99
47) 2-Chloronaphthalene	13.46	162	834727	45.869	ng		99
48) 2-Nitroaniline	13.66	65	273183	46.667	ng		98
49) Acenaphthylene	14.31	152	1324877	50.652	ng		99
50) Dimethylphthalate	14.04	163	1101178	49.374	ng		99
51) 2,6-Dinitrotoluene	14.16	165	257171	51.017	ng		95
52) Acenaphthene	14.65	154	850018	46.340	ng		98
53) 3-Nitroaniline	14.48	138	53552	9.355	ng		97
54) 2,4-Dinitrophenol	14.69	184	174708	68.850	ng		97
55) Dibenzofuran	14.99	168	1258626	49.844	ng		99
56) 4-Nitrophenol	14.80	139	480118	109.450	ng		95
57) 2,4-Dinitrotoluene	14.95	165	357313	52.093	ng		99
58) Fluorene	15.63	166	1005100	50.219	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	301541	53.673	ng		98
60) Diethylphthalate	15.41	149	1118755	50.153	ng		100
61) 4-Chlorophenyl-phenylether	15.63	204	527521	48.540	ng		99
62) 4-Nitroaniline	15.65	138	249591	44.152	ng		94
63) Azobenzene	15.92	77	1034958	50.028	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	163741	47.706	ng		97
66) n-Nitrosodiphenylamine	15.84	169	965360	49.178	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	346238	46.183	ng		99
68) Hexachlorobenzene	16.64	284	368682	45.639	ng		98
69) Atrazine	16.79	200	373909	58.599	ng		99
70) Pentachlorophenol	16.98	266	412321	92.591	ng		99
71) Phenanthrene	17.37	178	1603824	50.162	ng		99
72) Anthracene	17.47	178	1651611	52.269	ng		99
73) Carbazole	17.73	167	1539296	52.738	ng		99
74) Di-n-butylphthalate	18.30	149	1840361	49.385	ng		100
75) Fluoranthene	19.38	202	1837718	50.258	ng		99
77) Benzidine	19.56	184	152814	10.496	ng		96
78) Pyrene	19.74	202	1866943	49.378	ng		99
80) Butylbenzylphthalate	20.63	149	891477	49.524	ng		98
81) Benzo(a)anthracene	21.56	228	1784538	49.685	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	206320	14.540	ng		97
83) Chrysene	21.63	228	1719166	50.374	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	1256377	50.584	ng		99
85) Di-n-octyl phthalate	22.67	149	2138344	51.211	ng		99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2250336	48.519	ng	#	92
88) Benzo(b)fluoranthene	23.72	252	1886783	48.207	ng		100
89) Benzo(k)fluoranthene	23.78	252	1885062	50.648	ng		99
90) Benzo(a)pyrene	24.56	252	1762465	47.711	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	1829581	49.316	ng		99
92) Benzo(g,h,i)perylene	29.35	276	1860478	50.487	ng		99

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

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