Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
Data File : BG043317.D
Acq On : 23 Oct 2019 20:36
Operator : JU
Sample : K5139-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-102119MSD

Manual Integrations APPROVED
mohammad
10/24/2019 2:11:44 PM

Quant Time: Oct 24 07:04:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36584	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	136910	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	108124	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	262812	20.00	ng		0.00
76) Chrysene-d12	21.67	240	301502	20.00	ng		0.00
87) Perylene-d12	24.86	264	346541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	285483	142.99	ng		0.00
7) Phenol-d6	7.21	99	411553	143.28	ng		0.00
23) Nitrobenzene-d5	9.19	82	251516	94.71	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	299739	145.67	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	698971	89.33	ng		0.00
79) Terphenyl-d14	20.01	244	1527846	95.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	32471	41.736	ng	#	41
3) Pyridine	3.91	79	65857	33.557	ng		96
4) n-Nitrosodimethylamine	3.81	42	52537	53.051	ng		89
6) Aniline	7.36	93	48993	14.806	ng		93
8) 2-Chlorophenol	7.60	128	113689	51.586	ng		98
9) Benzaldehyde	7.17	77	31289	22.165	ng		95
10) Phenol	7.23	94	136612	52.046	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	93601	46.124	ng		97
12) 1,3-Dichlorobenzene	7.92	146	120375	43.594	ng		99
13) 1,4-Dichlorobenzene	8.06	146	123787	44.309	ng		98
14) 1,2-Dichlorobenzene	8.38	146	118041	43.274	ng		95
15) Benzyl Alcohol	8.27	79	102496	50.808	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	130306	44.159	ng		99
17) 2-Methylphenol	8.48	107	97016	50.701	ng		98
18) Hexachloroethane	9.11	117	43611	43.268	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	89046	47.975	ng		97
20) 3+4-Methylphenols	8.80	107	132821	50.620	ng		89
22) Acetophenone	8.85	105	167578	47.796	ng	#	98
24) Nitrobenzene	9.23	77	131298	51.901	ng		99
25) Isophorone	9.75	82	255447	52.613	ng		98
26) 2-Nitrophenol	9.94	139	66806	54.699	ng		96
27) 2,4-Dimethylphenol	10.01	122	105798	60.438	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	130479	48.692	ng		94
29) 2,4-Dichlorophenol	10.49	162	125588	55.994	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	133183	47.114	ng		95
31) Naphthalene	10.88	128	350983	50.505	ng		98
32) Benzoic acid	10.17	122	65246	48.661	ng		94
33) 4-Chloroaniline	11.03	127	6145	2.157	ng	#	88
34) Hexachlorobutadiene	11.17	225	94073	45.018	ng		92
35) Caprolactam	11.77	113	41012m	53.093	ng		
36) 4-Chloro-3-methylphenol	12.12	107	144974	59.257	ng		97
37) 2-Methylnaphthalene	12.48	142	279211	52.363	ng		97
38) 1-Methylnaphthalene	12.70	142	266429	52.514	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	177124	44.264	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
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	12.83	237	229163	109.021	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	123957	52.602	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	141825	59.530	ng		98
46) 1,1'-Biphenyl	13.49	154	378649	46.034	ng		98
47) 2-Chloronaphthalene	13.53	162	293701	46.928	ng		98
48) 2-Nitroaniline	13.73	65	95402	51.002	ng		97
49) Acenaphthylene	14.37	152	499953	51.327	ng		98
50) Dimethylphthalate	14.11	163	435124	51.955	ng		99
51) 2,6-Dinitrotoluene	14.23	165	98640	54.214	ng		98
52) Acenaphthene	14.72	154	300692	50.621	ng		99
53) 3-Nitroaniline	14.56	138	19891	11.323	ng		89
54) 2,4-Dinitrophenol	14.77	184	131488	112.478	ng		96
55) Dibenzofuran	15.05	168	493736	51.256	ng		98
56) 4-Nitrophenol	14.89	139	151397	128.610	ng		95
57) 2,4-Dinitrotoluene	15.01	165	141550	54.438	ng		100
58) Fluorene	15.70	166	422392	52.281	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	146738	57.972	ng	#	99
60) Diethylphthalate	15.47	149	439789	52.262	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	241005	51.134	ng		98
62) 4-Nitroaniline	15.73	138	78366	43.197	ng		96
63) Azobenzene	15.98	77	355194	52.154	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	96212	62.207	ng		95
66) n-Nitrosodiphenylamine	15.91	169	369093	49.744	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	174715	49.398	ng		98
68) Hexachlorobenzene	16.71	284	196073	48.295	ng		97
69) Atrazine	16.85	200	124430	48.262	ng		95
70) Pentachlorophenol	17.05	266	236035	127.591	ng		96
71) Phenanthrene	17.44	178	692589	51.463	ng		99
72) Anthracene	17.53	178	720732	53.527	ng		99
73) Carbazole	17.80	167	632227	51.850	ng		99
74) Di-n-butylphthalate	18.35	149	777458	52.548	ng		99
75) Fluoranthene	19.45	202	946176	53.928	ng		99
77) Benzidine	19.69	184	14382	2.370	ng		98
78) Pyrene	19.81	202	957390	51.300	ng		99
80) Butylbenzylphthalate	20.69	149	358542	50.709	ng		98
81) Benzo(a)anthracene	21.65	228	978804	51.827	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	73339	10.040	ng		95
83) Chrysene	21.71	228	966668	51.516	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	525149	52.286	ng		100
85) Di-n-octyl phthalate	22.75	149	899418	52.783	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1239944	52.642	ng		100
88) Benzo(b)fluoranthene	23.85	252	1018482	51.892	ng		97
89) Benzo(k)fluoranthene	23.92	252	1075885	54.451	ng		97
90) Benzo(a)pyrene	24.72	252	954822	50.945	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	1036204	54.052	ng		98
92) Benzo(g,h,i)perylene	29.65	276	1014097	53.628	ng		99

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

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