Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043438.D
Acq On : 31 Oct 2019 17:45
Operator : JU
Sample : K5497-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 169-32-(0-1)MSD

Manual Integrations APPROVED
mohammad
11/1/2019 2:05:13 PM

Quant Time: Nov 01 05:02:36 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	46799	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	172486	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	122154	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	276810	20.00	ng		0.00
76) Chrysene-d12	21.67	240	303597	20.00	ng		0.00
87) Perylene-d12	24.86	264	362346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	267208	104.63	ng		0.00
7) Phenol-d6	7.21	99	376909	102.58	ng		0.00
23) Nitrobenzene-d5	9.19	82	225326	67.35	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	224917	96.76	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	507594	57.42	ng		0.00
79) Terphenyl-d14	20.00	244	866263	53.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	37368	37.547	ng	#	90
3) Pyridine	3.89	79	95308	37.963	ng		98
4) n-Nitrosodimethylamine	3.80	42	56831	44.861	ng	#	94
6) Aniline	7.35	93	133576	31.557	ng		99
8) 2-Chlorophenol	7.59	128	128488	45.576	ng		96
9) Benzaldehyde	7.16	77	69605	38.545	ng		88
10) Phenol	7.24	94	166132	49.478	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	105028	40.458	ng		98
12) 1,3-Dichlorobenzene	7.91	146	143992	40.765	ng		98
13) 1,4-Dichlorobenzene	8.06	146	147056	41.149	ng		99
14) 1,2-Dichlorobenzene	8.38	146	140571	40.285	ng		98
15) Benzyl Alcohol	8.27	79	114234	44.267	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144229	38.209	ng		98
17) 2-Methylphenol	8.48	107	108677	44.398	ng		97
18) Hexachloroethane	9.10	117	52551	40.757	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	95085	40.046	ng		99
20) 3+4-Methylphenols	8.81	107	147106	43.827	ng		91
22) Acetophenone	8.85	105	187050	42.346	ng		97
24) Nitrobenzene	9.23	77	144179	45.238	ng		98
25) Isophorone	9.74	82	264526	43.245	ng		98
26) 2-Nitrophenol	9.94	139	75560	49.106	ng		94
27) 2,4-Dimethylphenol	10.01	122	121869	55.260	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	146753	43.469	ng		99
29) 2,4-Dichlorophenol	10.48	162	137775	48.758	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	154984	43.518	ng		98
31) Naphthalene	10.88	128	399381	45.616	ng		97
32) Benzoic acid	10.19	122	59903	37.916	ng		94
33) 4-Chloroaniline	11.00	127	75752	21.107	ng		97
34) Hexachlorobutadiene	11.17	225	107976	41.014	ng		95
35) Caprolactam	11.76	113	43541m	44.741	ng		
36) 4-Chloro-3-methylphenol	12.12	107	145671	47.261	ng		95
37) 2-Methylnaphthalene	12.48	142	302344	45.006	ng		98
38) 1-Methylnaphthalene	12.70	142	288330	45.109	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	195636	43.275	ng		97

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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	239660	100.919 ng	95
43) 2,4,6-Trichlorophenol	13.09	196	126231	47.414 ng	98
44) 2,4,5-Trichlorophenol	13.18	196	131378	48.811 ng	99
46) 1,1'-Biphenyl	13.49	154	401930	43.252 ng	99
47) 2-Chloronaphthalene	13.53	162	309755	43.809 ng	98
48) 2-Nitroaniline	13.73	65	93482	44.236 ng	99
49) Acenaphthylene	14.37	152	511620	46.492 ng	96
50) Dimethylphthalate	14.10	163	461634	48.790 ng	99
51) 2,6-Dinitrotoluene	14.22	165	94540	45.993 ng	95
52) Acenaphthene	14.72	154	297655	44.354 ng	99
53) 3-Nitroaniline	14.56	138	50192	25.291 ng	99
54) 2,4-Dinitrophenol	14.77	184	100920	78.749 ng	96
55) Dibenzofuran	15.05	168	485713	44.631 ng	98
56) 4-Nitrophenol	14.89	139	134783	101.346 ng	88
57) 2,4-Dinitrotoluene	15.01	165	131781	44.860 ng	97
58) Fluorene	15.70	166	400277	43.854 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	130142	45.510 ng	97
60) Diethylphthalate	15.46	149	403107	42.401 ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	231616	43.498 ng	97
62) 4-Nitroaniline	15.73	138	83256	40.621 ng	96
63) Azobenzene	15.98	77	342814	44.555 ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	77961	47.857 ng	95
66) n-Nitrosodiphenylamine	15.90	169	364148	46.596 ng	99
67) 4-Bromophenyl-phenylether	16.58	248	164680	44.207 ng	98
68) Hexachlorobenzene	16.71	284	183986	43.026 ng	98
69) Atrazine	16.85	200	152544	56.174 ng	93
70) Pentachlorophenol	17.05	266	204156	104.778 ng	96
71) Phenanthrene	17.44	178	649250	45.803 ng	99
72) Anthracene	17.53	178	663152	46.760 ng	98
73) Carbazole	17.80	167	589982	45.938 ng	98
74) Di-n-butylphthalate	18.35	149	700006	44.921 ng	99
75) Fluoranthene	19.44	202	867821	46.961 ng	99
77) Benzidine	19.63	184	417822	68.383 ng	98
78) Pyrene	19.81	202	864250	45.990 ng	98
80) Butylbenzylphthalate	20.69	149	316156	44.406 ng	98
81) Benzo(a)anthracene	21.65	228	883604	46.464 ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	216499	29.434 ng	98
83) Chrysene	21.71	228	858375	45.429 ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	464269	45.906 ng	99
85) Di-n-octyl phthalate	22.75	149	801215	46.695 ng	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	1131089	47.689 ng	100
88) Benzo(b)fluoranthene	23.85	252	935282	45.574 ng	98
89) Benzo(k)fluoranthene	23.92	252	948863	45.928 ng	97
90) Benzo(a)pyrene	24.72	252	887269	45.275 ng	99
91) Dibenzo(a,h)anthracene	28.57	278	941129	46.951 ng	99
92) Benzo(g,h,i)perylene	29.64	276	950748	48.085 ng	99

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

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