Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041220.D
Acq On : 12 Jun 2019 23:56
Operator : HP/JU
Sample : K3299-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TI-658MS

Manual Integrations APPROVED

Quant Time: Jun 13 08:13:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.11	152	42538	20.00	ng		0.00	
21) Naphthalene-d8	10.93	136	171162	20.00	ng		0.00	
39) Acenaphthene-d10	14.74	164	123013	20.00	ng		0.00	
64) Phenanthrene-d10	17.48	188	300027	20.00	ng		0.00	
76) Chrysene-d12	21.76	240	302263	20.00	ng		0.00	
87) Perylene-d12	25.09	264	319533	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.64	112	86324	36.59	ng		0.00	
7) Phenol-d6	7.25	99	77468	21.26	ng		0.00	
23) Nitrobenzene-d5	9.29	82	316102	81.99	ng		0.00	6/14/2019 8:37:04 AM
42) 2,4,6-Tribromophenol	16.23	330	154689	84.70	ng		0.00	
45) 2-Fluorobiphenyl	13.36	172	681277	79.76	ng		0.00	
79) Terphenyl-d14	20.07	244	1091548	76.64	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	3.50	88	13535	12.644	ng	#	87	
3) Pyridine	3.92	79	35812	11.306	ng		95	
4) n-Nitrosodimethylamine	3.84	42	24309	16.536	ng	#	77	
6) Aniline	7.43	93	23946	4.924	ng		92	
8) 2-Chlorophenol	7.67	128	84892	30.185	ng		98	
9) Benzaldehyde	7.24	77	35099	16.150	ng		85	
10) Phenol	7.28	94	46290	11.850	ng		98	
11) bis(2-Chloroethyl)ether	7.52	93	98573	34.784	ng		95	
12) 1,3-Dichlorobenzene	7.99	146	119696	35.634	ng		97	
13) 1,4-Dichlorobenzene	8.14	146	121230	35.655	ng		95	
14) 1,2-Dichlorobenzene	8.46	146	117092	35.469	ng		97	
15) Benzyl Alcohol	8.35	79	110420	32.764	ng		97	
16) 2,2'-oxybis(1-Chloropropan	8.62	45	150720	32.548	ng		97	
17) 2-Methylphenol	8.54	107	65591	23.191	ng		98	
18) Hexachloroethane	9.19	117	47844	36.510	ng		97	
19) n-Nitroso-di-n-propylamine	8.91	70	95112	33.924	ng		98	
20) 3+4-Methylphenols	8.87	107	84989	21.693	ng		99	
22) Acetophenone	8.93	105	183537	38.226	ng	#	98	
24) Nitrobenzene	9.33	77	163079	41.505	ng		97	
25) Isophorone	9.84	82	263190	35.870	ng		99	
26) 2-Nitrophenol	10.04	139	63592	39.259	ng		92	
27) 2,4-Dimethylphenol	10.08	122	90384	33.786	ng		96	
28) bis(2-Chloroethoxy)methane	10.32	93	136597	34.493	ng		96	
29) 2,4-Dichlorophenol	10.57	162	121106	35.649	ng		92	
30) 1,2,4-Trichlorobenzene	10.79	180	144205	37.315	ng		95	
31) Naphthalene	10.98	128	359127	39.079	ng		99	
32) Benzoic acid	10.21	122	47221m	26.986	ng			
33) 4-Chloroaniline	11.09	127	22522	5.282	ng		96	
34) Hexachlorobutadiene	11.24	225	105008	35.512	ng		95	
35) Caprolactam	11.89	113	6922	6.170	ng		95	
36) 4-Chloro-3-methylphenol	12.20	107	124653	32.129	ng		98	
37) 2-Methylnaphthalene	12.57	142	266575	37.663	ng		98	
38) 1-Methylnaphthalene	12.79	142	256004	38.383	ng	#	99	
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	200167	40.372	ng		99	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	210082	78.945	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	124156	38.709	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	129811	38.375	ng		98
46) 1,1'-Biphenyl	13.57	154	367254	40.332	ng		99
47) 2-Chloronaphthalene	13.62	162	302369	38.681	ng		97
48) 2-Nitroaniline	13.83	65	101752	36.284	ng		99
49) Acenaphthylene	14.46	152	466464	39.648	ng		99
50) Dimethylphthalate	14.19	163	428196	41.121	ng		99
51) 2,6-Dinitrotoluene	14.32	165	86933	38.720	ng		97
52) Acenaphthene	14.80	154	274695	38.541	ng		97
53) 3-Nitroaniline	14.65	138	26212	11.675	ng	#	99
54) 2,4-Dinitrophenol	14.86	184	108544	88.625	ng		94
55) Dibenzofuran	15.13	168	478409	39.892	ng		97
56) 4-Nitrophenol	14.96	139	42880	27.846	ng		89
57) 2,4-Dinitrotoluene	15.10	165	126103	39.762	ng		97
58) Fluorene	15.78	166	372963	39.050	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	135891	40.878	ng		99
60) Diethylphthalate	15.53	149	400766	37.713	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	238491	38.418	ng		95
62) 4-Nitroaniline	15.81	138	54634	22.986	ng		92
63) Azobenzene	16.06	77	377641	39.099	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	74657	46.716	ng		98
66) n-Nitrosodiphenylamine	15.98	169	339634	40.269	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	155578	38.424	ng		95
68) Hexachlorobenzene	16.77	284	162616	37.717	ng		99
69) Atrazine	16.93	200	137375	42.213	ng		97
70) Pentachlorophenol	17.12	266	196921	84.979	ng		96
71) Phenanthrene	17.52	178	627319	40.141	ng		99
72) Anthracene	17.61	178	633933	41.129	ng		100
73) Carbazole	17.89	167	553298	41.836	ng		99
74) Di-n-butylphthalate	18.42	149	719192	43.753	ng		99
75) Fluoranthene	19.53	202	804663	41.686	ng		99
78) Pyrene	19.89	202	803910	40.913	ng		99
80) Butylbenzylphthalate	20.76	149	305245	39.919	ng		99
81) Benzo(a)anthracene	21.74	228	780668	38.800	ng		100
83) Chrysene	21.81	228	767303	39.851	ng		100
84) Bis(2-ethylhexyl)phthalate	21.61	149	419843	39.004	ng		97
85) Di-n-octyl phthalate	22.84	149	716277	39.955	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	826533	35.043	ng	#	95
88) Benzo(b)fluoranthene	24.02	252	794941	41.017	ng		100
89) Benzo(k)fluoranthene	24.09	252	786852m	41.028	ng		
90) Benzo(a)pyrene	24.93	252	762765	41.251	ng		96
91) Dibenzo(a,h)anthracene	28.98	278	657778	35.602	ng		99
92) Benzo(g,h,i)perylene	30.12	276	582839	32.470	ng		98

mohammad

6/14/2019 8:37:04 AM

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

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