Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
Data File : BM021080.D
Acq On : 21 Jun 2019 13:09
Operator : HP/JU
Sample : K3309-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SS043MW010-190611MS

Manual Integrations APPROVED

Quant Time: Jun 22 00:06:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.78	152	275379	20.00	ng		0.00	
21) Naphthalene-d8	10.57	136	1154373	20.00	ng		0.00	
39) Acenaphthene-d10	14.42	164	755198	20.00	ng		0.00	
64) Phenanthrene-d10	17.17	188	1820509	20.00	ng		0.00	
76) Chrysene-d12	21.35	240	1649482	20.00	ng		0.00	
87) Perylene-d12	23.63	264	1590039	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.37	112	971464	63.88	ng		0.00	
7) Phenol-d6	6.95	99	867373	39.16	ng		0.00	
23) Nitrobenzene-d5	8.95	82	1909814	86.22	ng		0.00	6/25/2019 3:22:57 PM
42) 2,4,6-Tribromophenol	15.92	330	1848949	130.47	ng		0.00	
45) 2-Fluorobiphenyl	13.04	172	5405423	87.97	ng		0.00	
79) Terphenyl-d14	19.79	244	8709733	98.62	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	3.32	88	111156	19.400	ng		99	
3) Pyridine	3.72	79	235674	14.304	ng		99	
4) n-Nitrosodimethylamine	3.63	42	109979	17.335	ng	#	92	
6) Aniline	7.12	93	452471	15.340	ng		99	
8) 2-Chlorophenol	7.35	128	688111	36.763	ng		99	
9) Benzaldehyde	6.93	77	164929	10.131	ng		97	
10) Phenol	6.97	94	313862	13.872	ng		98	
11) bis(2-Chloroethyl)ether	7.22	93	726044	40.531	ng		98	
12) 1,3-Dichlorobenzene	7.66	146	895005	39.469	ng		99	
13) 1,4-Dichlorobenzene	7.82	146	959596	41.622	ng		99	
14) 1,2-Dichlorobenzene	8.13	146	892618	39.507	ng		99	
15) Benzyl Alcohol	8.02	79	467160	26.052	ng		99	
16) 2,2'-oxybis(1-Chloropropan	8.30	45	923463	39.856	ng		98	
17) 2-Methylphenol	8.22	107	478001	29.577	ng		99	
18) Hexachloroethane	8.85	117	322018	38.902	ng		96	
19) n-Nitroso-di-n-propylamine	8.59	70	651515	40.425	ng		99	
20) 3+4-Methylphenols	8.55	107	566089	25.447	ng		99	
22) Acetophenone	8.60	105	1249070	42.461	ng	#	100	
24) Nitrobenzene	8.99	77	934715	42.601	ng		100	
25) Isophorone	9.50	82	1784953	43.069	ng		100	
26) 2-Nitrophenol	9.69	139	448512	41.747	ng		97	
27) 2,4-Dimethylphenol	9.75	122	689489	44.001	ng		99	
28) bis(2-Chloroethoxy)methane	9.99	93	1078656	41.885	ng		100	
29) 2,4-Dichlorophenol	10.22	162	848216	41.825	ng		100	
30) 1,2,4-Trichlorobenzene	10.43	180	985200	41.211	ng		98	
31) Naphthalene	10.62	128	2632468	43.092	ng		100	
32) Benzoic acid	9.85	122	152530m	12.032	ng			
33) 4-Chloroaniline	10.74	127	281237	10.141	ng		98	
34) Hexachlorobutadiene	10.89	225	594257	39.369	ng		99	
35) Caprolactam	11.56	113	35081	5.530	ng		95	
36) 4-Chloro-3-methylphenol	11.86	107	800882	38.809	ng		98	
37) 2-Methylnaphthalene	12.23	142	2089485	44.453	ng		99	
38) 1-Methylnaphthalene	12.45	142	2069132	46.151	ng		99	
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1226321	42.902	ng		99	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	1504303	90.783	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	785216	41.514	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	838845	42.826	ng	98
46) 1,1'-Biphenyl	13.25	154	2794672	43.237	ng	99
47) 2-Chloronaphthalene	13.29	162	2192388	41.762	ng	100
48) 2-Nitroaniline	13.51	65	591363	41.177	ng	98
49) Acenaphthylene	14.14	152	3503399	43.854	ng	100
50) Dimethylphthalate	13.89	163	2866948	42.698	ng	100
51) 2,6-Dinitrotoluene	14.01	165	639988	44.306	ng	99
52) Acenaphthene	14.49	154	2442338	50.671	ng	99
53) 3-Nitroaniline	14.34	138	246909	16.767	ng	97
54) 2,4-Dinitrophenol	14.55	184	754024	97.176	ng	97
55) Dibenzofuran	14.82	168	3453235	43.918	ng	99
56) 4-Nitrophenol	14.64	139	369678	32.828	ng	96
57) 2,4-Dinitrotoluene	14.80	165	893960	44.819	ng	98
58) Fluorene	15.47	166	3193974	49.715	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	818170	43.718	ng	100
60) Diethylphthalate	15.25	149	2856268	43.192	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	1548746	42.671	ng	98
62) 4-Nitroaniline	15.51	138	611869	39.587	ng	100
63) Azobenzene	15.76	77	2397489	44.198	ng	100
65) 4,6-Dinitro-2-methylphenol	15.56	198	470107	41.881	ng	99
66) n-Nitrosodiphenylamine	15.69	169	2518511	43.890	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	1008465	41.612	ng	99
68) Hexachlorobenzene	16.47	284	1166141	40.278	ng	99
69) Atrazine	16.64	200	899914	48.228	ng	98
70) Pentachlorophenol	16.82	266	1382127	88.602	ng	100
71) Phenanthrene	17.21	178	4719106	44.979	ng	100
72) Anthracene	17.30	178	4695811	45.182	ng	99
73) Carbazole	17.58	167	4066465	44.252	ng	100
74) Di-n-butylphthalate	18.13	149	4990714	44.364	ng	100
75) Fluoranthene	19.23	202	5485053	45.271	ng	100
77) Benzidine	19.42	184	792286	16.541	ng	99
78) Pyrene	19.59	202	5469171	45.719	ng	100
80) Butylbenzylphthalate	20.49	149	2167323	45.454	ng	97
81) Benzo(a)anthracene	21.33	228	4838466	43.031	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	1165995	27.378	ng	99
83) Chrysene	21.39	228	4674803	43.643	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3184806	46.930	ng	100
85) Di-n-octyl phthalate	22.15	149	5080077	47.599	ng	100
86) Indeno(1,2,3-cd)pyrene	25.93	276	5118007	43.181	ng	100
88) Benzo(b)fluoranthene	22.94	252	4661811	43.459	ng	99
89) Benzo(k)fluoranthene	22.99	252	4644550	44.792	ng	100
90) Benzo(a)pyrene	23.53	252	4376208	45.213	ng	100
91) Dibenzo(a,h)anthracene	25.94	278	4350175	45.079	ng	99
92) Benzo(g,h,i)perylene	26.64	276	4137302	45.975	ng	99

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

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