Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022205.D
Acq On : 20 Aug 2019 10:41
Operator : HP/JU
Sample : K4238-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-17MS

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:30 PM

Quant Time: Aug 20 14:03:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	37226	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	138084	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	81440	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	151357	20.00	ng		0.00
76) Chrysene-d12	21.19	240	131355	20.00	ng		0.00
87) Perylene-d12	23.39	264	140863	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	277691	132.93	ng		0.00
7) Phenol-d6	6.77	99	364904	131.17	ng		0.00
23) Nitrobenzene-d5	8.74	82	265428	93.49	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	174951	132.72	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	584855	89.70	ng		0.00
79) Terphenyl-d14	19.63	244	753621	83.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	31479	35.965	ng	#	85
3) Pyridine	3.57	79	73170	32.998	ng	#	87
4) n-Nitrosodimethylamine	3.49	42	56880	42.817	ng	#	59
6) Aniline	6.93	93	105768	28.397	ng		95
8) 2-Chlorophenol	7.14	128	108336	43.556	ng		95
9) Benzaldehyde	6.74	77	52290	29.661	ng		91
10) Phenol	6.79	94	131626	44.692	ng		78
11) bis(2-Chloroethyl)ether	7.02	93	90936	39.032	ng		93
12) 1,3-Dichlorobenzene	7.46	146	115827	38.206	ng	#	92
13) 1,4-Dichlorobenzene	7.60	146	118537	38.514	ng		96
14) 1,2-Dichlorobenzene	7.91	146	116465	38.853	ng		94
15) Benzyl Alcohol	7.83	79	94752	38.746	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	119407	36.991	ng		98
17) 2-Methylphenol	8.02	107	86842	41.341	ng	#	92
18) Hexachloroethane	8.62	117	52383	39.202	ng		87
19) n-Nitroso-di-n-propylamine	8.39	70	82951	37.855	ng	#	89
20) 3+4-Methylphenols	8.36	107	113976	40.175	ng		92
22) Acetophenone	8.40	105	156005	44.040	ng	#	90
24) Nitrobenzene	8.78	77	129860	44.675	ng		92
25) Isophorone	9.30	82	214785	42.629	ng	#	96
26) 2-Nitrophenol	9.48	139	57092	46.369	ng	#	73
27) 2,4-Dimethylphenol	9.54	122	93907	50.599	ng		90
28) bis(2-Chloroethoxy)methane	9.78	93	127172	42.664	ng		99
29) 2,4-Dichlorophenol	10.01	162	103623	46.269	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	120586	43.712	ng		99
31) Naphthalene	10.39	128	318063	44.350	ng		99
32) Benzoic acid	9.73	122	59737m	37.706	ng		
33) 4-Chloroaniline	10.55	127	28510	9.499	ng		97
34) Hexachlorobutadiene	10.65	225	102342	43.237	ng		97
35) Caprolactam	11.37	113	23169m	38.486	ng		
36) 4-Chloro-3-methylphenol	11.66	107	103234	43.610	ng		96
37) 2-Methylnaphthalene	12.02	142	229425	43.767	ng	#	93
38) 1-Methylnaphthalene	12.24	142	216998	43.339	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	154934	48.602	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	181804	95.077	ng		98
43) 2,4,6-Trichlorophenol	12.65	196	88114	46.110	ng		99
44) 2,4,5-Trichlorophenol	12.72	196	89890	46.341	ng	#	93
46) 1,1'-Biphenyl	13.05	154	296541	46.300	ng		99
47) 2-Chloronaphthalene	13.09	162	234623	44.512	ng		96
48) 2-Nitroaniline	13.33	65	67541	40.538	ng		89
49) Acenaphthylene	13.95	152	363065	44.906	ng		100
50) Dimethylphthalate	13.70	163	351483	51.334	ng		99
51) 2,6-Dinitrotoluene	13.84	165	59574	44.058	ng	#	60
52) Acenaphthene	14.29	154	208294	44.177	ng		98
53) 3-Nitroaniline	14.17	138	25730	19.108	ng		96
54) 2,4-Dinitrophenol	14.40	184	51492	67.687	ng	#	65
55) Dibenzofuran	14.63	168	349928	44.664	ng	#	90
56) 4-Nitrophenol	14.50	139	88682	98.813	ng	#	60
57) 2,4-Dinitrotoluene	14.64	165	82779	42.643	ng	#	56
58) Fluorene	15.29	166	278317	42.138	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	86814	44.890	ng	#	92
60) Diethylphthalate	15.07	149	299286	41.450	ng		95
61) 4-Chlorophenyl-phenylether	15.28	204	175020	42.046	ng		94
62) 4-Nitroaniline	15.35	138	45059	36.153	ng	#	51
63) Azobenzene	15.57	77	307197	44.152	ng		82
65) 4,6-Dinitro-2-methylphenol	15.41	198	40597	42.423	ng		95
66) n-Nitrosodiphenylamine	15.51	169	227529	46.882	ng		99
67) 4-Bromophenyl-phenylether	16.18	248	101509	45.258	ng	#	93
68) Hexachlorobenzene	16.28	284	111783	43.869	ng	#	83
69) Atrazine	16.47	200	84024	52.283	ng		98
70) Pentachlorophenol	16.64	266	120099	96.876	ng		99
71) Phenanthrene	17.03	178	396246	45.144	ng		98
72) Anthracene	17.12	178	397348	45.604	ng		98
73) Carbazole	17.41	167	317065	43.610	ng		98
74) Di-n-butylphthalate	17.96	149	468648	42.484	ng	#	97
75) Fluoranthene	19.06	202	453902	42.883	ng		99
77) Benzidine	19.27	184	157074	53.314	ng		100
78) Pyrene	19.42	202	455162	49.229	ng		99
80) Butylbenzylphthalate	20.33	149	187633	45.372	ng		87
81) Benzo(a)anthracene	21.18	228	415906	45.023	ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	77175	23.961	ng		97
83) Chrysene	21.23	228	400915	44.958	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	275284	44.263	ng	#	93
85) Di-n-octyl phthalate	21.97	149	433547	43.069	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	528162	52.875	ng		97
88) Benzo(b)fluoranthene	22.73	252	408475	43.428	ng		99
89) Benzo(k)fluoranthene	22.78	252	392435	42.683	ng		99
90) Benzo(a)pyrene	23.30	252	395176	46.134	ng		98
91) Dibenzo(a,h)anthracene	25.60	278	442582	48.627	ng	#	97
92) Benzo(g,h,i)perylene	26.26	276	416345	52.323	ng		98

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

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