Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022194.D
Acq On : 19 Aug 2019 17:49
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:04 PM

Quant Time: Aug 20 01:42:41 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 01:26:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	25897	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	109195	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	70948	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	147361	20.00	ng		0.00
76) Chrysene-d12	21.20	240	150439	20.00	ng		0.00
87) Perylene-d12	23.40	264	159136	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	28723	20.08	ng		0.00
7) Phenol-d6	6.76	99	36235	17.40	ng		0.00
23) Nitrobenzene-d5	8.75	82	42320	20.20	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	18289	13.74	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	101575	17.60	ng		0.00
79) Terphenyl-d14	19.63	244	167237	20.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	6339	11.764	ng	#	89
3) Pyridine	3.59	79	14419m	9.306	ng		
4) n-Nitrosodimethylamine	3.50	42	7999	13.407	ng	#	45
6) Aniline	6.92	93	25133	9.060	ng		92
8) 2-Chlorophenol	7.14	128	16398	9.316	ng		88
9) Benzaldehyde	6.75	77	14620	13.269	ng		91
10) Phenol	6.79	94	19124	8.988	ng		87
11) bis(2-Chloroethyl)ether	7.02	93	16035	9.519	ng		98
12) 1,3-Dichlorobenzene	7.46	146	21639	10.147	ng	#	92
13) 1,4-Dichlorobenzene	7.61	146	21683	10.001	ng		97
14) 1,2-Dichlorobenzene	7.92	146	20486	9.642	ng		95
15) Benzyl Alcohol	7.83	79	16945m	10.048	ng		
16) 2,2'-oxybis(1-Chloropropan	8.10	45	22880	10.501	ng		98
17) 2-Methylphenol	8.03	107	13606	8.952	ng	#	90
18) Hexachloroethane	8.62	117	9018	11.585	ng		91
19) n-Nitroso-di-n-propylamine	8.39	70	13926	9.188	ng		90
20) 3+4-Methylphenols	8.36	107	17680	8.451	ng		92
22) Acetophenone	8.41	105	26114	9.385	ng	#	89
24) Nitrobenzene	8.79	77	21269	10.248	ng	#	93
25) Isophorone	9.30	82	38023	9.699	ng	#	95
26) 2-Nitrophenol	9.49	139	8215	8.084	ng	#	82
27) 2,4-Dimethylphenol	9.55	122	13989	9.438	ng		87
28) bis(2-Chloroethoxy)methane	9.79	93	21980	9.023	ng		96
29) 2,4-Dichlorophenol	10.02	162	15850	8.262	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	21044	9.306	ng		93
31) Naphthalene	10.40	128	57115	9.884	ng		99
32) Benzoic acid	9.66	122	8586m	7.160	ng		
33) 4-Chloroaniline	10.55	127	21857m	8.332	ng		
34) Hexachlorobutadiene	10.65	225	17200	12.046	ng		96
35) Caprolactam	11.37	113	3428	5.713	ng		85
36) 4-Chloro-3-methylphenol	11.67	107	17237	8.830	ng		92
37) 2-Methylnaphthalene	12.02	142	40438	9.095	ng	#	92
38) 1-Methylnaphthalene	12.24	142	38145	8.995	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	26178	9.748	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	5942	3.817	ng		96
43) 2,4,6-Trichlorophenol	12.66	196	14261	8.026	ng		95
44) 2,4,5-Trichlorophenol	12.74	196	15339	8.336	ng	#	89
46) 1,1'-Biphenyl	13.05	154	53047	8.736	ng		97
47) 2-Chloronaphthalene	13.10	162	43527	8.826	ng		94
48) 2-Nitroaniline	13.34	65	12327	9.137	ng	#	83
49) Acenaphthylene	13.95	152	66831	8.905	ng		98
50) Dimethylphthalate	13.70	163	58433	9.263	ng		99
51) 2,6-Dinitrotoluene	13.84	165	10875	8.014	ng	#	56
52) Acenaphthene	14.29	154	38461	8.494	ng		96
53) 3-Nitroaniline	14.19	138	9799	7.083	ng		98
54) 2,4-Dinitrophenol	14.42	184	3549	4.869	ng	#	85
55) Dibenzofuran	14.63	168	64154	8.685	ng	#	88
56) 4-Nitrophenol	14.52	139	5641m	5.332	ng		
57) 2,4-Dinitrotoluene	14.64	165	13971	7.456	ng	#	40
58) Fluorene	15.29	166	50829	8.422	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	15508	8.820	ng	#	92
60) Diethylphthalate	15.07	149	61508	9.900	ng		97
61) 4-Chlorophenyl-phenylether	15.29	204	31050	9.106	ng		95
62) 4-Nitroaniline	15.36	138	8202	5.649	ng	#	66
63) Azobenzene	15.58	77	58171	11.415	ng		82
65) 4,6-Dinitro-2-methylphenol	15.42	198	5740	6.317	ng		93
66) n-Nitrosodiphenylamine	15.51	169	42775	9.209	ng		93
67) 4-Bromophenyl-phenylether	16.19	248	19576	9.979	ng	#	86
68) Hexachlorobenzene	16.29	284	21762	9.286	ng	#	78
69) Atrazine	16.47	200	17383	11.509	ng		97
70) Pentachlorophenol	16.66	266	9666	7.655	ng		95
71) Phenanthrene	17.03	178	80238	9.448	ng		97
72) Anthracene	17.13	178	78372	9.316	ng		98
73) Carbazole	17.42	167	64614	8.687	ng	#	97
74) Di-n-butylphthalate	17.96	149	102634	11.271	ng	#	98
75) Fluoranthene	19.06	202	97104	9.901	ng		99
77) Benzidine	19.27	184	38507m	8.815	ng		
78) Pyrene	19.43	202	99635	9.132	ng		100
80) Butylbenzylphthalate	20.33	149	46983	10.804	ng	#	79
81) Benzo(a)anthracene	21.19	228	98854	9.639	ng		97
82) 3,3'-Dichlorobenzidine	21.13	252	35828	9.224	ng		99
83) Chrysene	21.24	228	97781	10.009	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	71954	11.625	ng	#	93
85) Di-n-octyl phthalate	21.97	149	117550	12.076	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.60	276	105819	9.789	ng		99
88) Benzo(b)fluoranthene	22.74	252	95885	8.931	ng		99
89) Benzo(k)fluoranthene	22.79	252	94438	9.100	ng		97
90) Benzo(a)pyrene	23.30	252	89476	9.237	ng		98
91) Dibenzo(a,h)anthracene	25.61	278	86102	8.915	ng		98
92) Benzo(g,h,i)perylene	26.27	276	83516	9.273	ng		98

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

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