Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022199.D
Acq On : 19 Aug 2019 20:54
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:15 PM

Quant Time: Aug 20 01:58:01 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	35189	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	152308	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	94158	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	182586	20.00	ng		0.00
76) Chrysene-d12	21.20	240	184147	20.00	ng		0.00
87) Perylene-d12	23.40	264	179152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	322052	165.72	ng		0.00
7) Phenol-d6	6.77	99	428938	151.57	ng		0.00
23) Nitrobenzene-d5	8.75	82	506152	173.20	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	261786	148.17	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	1298355	169.47	ng		0.00
79) Terphenyl-d14	19.64	244	2222465	225.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	65522	89.490	ng	#	90
3) Pyridine	3.56	79	173076	82.204	ng	#	89
4) n-Nitrosodimethylamine	3.49	42	104724	129.178	ng	#	61
6) Aniline	6.93	93	288106	76.436	ng		96
8) 2-Chlorophenol	7.15	128	192396	80.441	ng		95
9) Benzaldehyde	6.75	77	107544	71.834	ng		92
10) Phenol	6.80	94	230464	79.713	ng		84
11) bis(2-Chloroethyl)ether	7.03	93	176372	77.052	ng		97
12) 1,3-Dichlorobenzene	7.46	146	231765	79.983	ng	#	93
13) 1,4-Dichlorobenzene	7.61	146	235871	80.063	ng		99
14) 1,2-Dichlorobenzene	7.92	146	230454	79.821	ng		98
15) Benzyl Alcohol	7.83	79	187730	81.927	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.11	45	243045	82.089	ng		100
17) 2-Methylphenol	8.03	107	163360	79.102	ng	#	92
18) Hexachloroethane	8.62	117	102164	96.585	ng		96
19) n-Nitroso-di-n-propylamine	8.39	70	167666	81.413	ng	#	86
20) 3+4-Methylphenols	8.36	107	221690	77.986	ng		93
22) Acetophenone	8.41	105	319719	82.375	ng	#	90
24) Nitrobenzene	8.79	77	255275	88.180	ng		95
25) Isophorone	9.31	82	440105	80.485	ng	#	95
26) 2-Nitrophenol	9.49	139	112514	79.375	ng	#	73
27) 2,4-Dimethylphenol	9.55	122	164166	79.403	ng		87
28) bis(2-Chloroethoxy)methane	9.79	93	264342	77.797	ng		98
29) 2,4-Dichlorophenol	10.01	162	202775	75.782	ng		97
30) 1,2,4-Trichlorobenzene	10.21	180	248968	78.932	ng		98
31) Naphthalene	10.40	128	627619	77.867	ng		99
32) Benzoic acid	9.78	122	151094m	90.337	ng		
33) 4-Chloroaniline	10.54	127	268610	73.411	ng		96
34) Hexachlorobutadiene	10.65	225	215264	108.087	ng		99
35) Caprolactam	11.40	113	53901m	64.403	ng		
36) 4-Chloro-3-methylphenol	11.67	107	207836	76.332	ng		97
37) 2-Methylnaphthalene	12.02	142	463384	74.718	ng	#	94
38) 1-Methylnaphthalene	12.24	142	439193	74.246	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	312786	87.765	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	172484	83.487	ng		96
43) 2,4,6-Trichlorophenol	12.65	196	191410	81.166	ng		99
44) 2,4,5-Trichlorophenol	12.73	196	185593	75.996	ng	#	95
46) 1,1'-Biphenyl	13.06	154	612185	75.965	ng		99
47) 2-Chloronaphthalene	13.10	162	509420	77.830	ng		96
48) 2-Nitroaniline	13.34	65	159505	89.081	ng		88
49) Acenaphthylene	13.95	152	764065	76.710	ng		100
50) Dimethylphthalate	13.71	163	632714	75.579	ng		99
51) 2,6-Dinitrotoluene	13.84	165	126824	70.419	ng	#	66
52) Acenaphthene	14.30	154	448891	74.696	ng		98
53) 3-Nitroaniline	14.18	138	127709	69.556	ng		93
54) 2,4-Dinitrophenol	14.40	184	72037	74.462	ng	#	63
55) Dibenzofuran	14.64	168	747729	76.271	ng		92
56) 4-Nitrophenol	14.50	139	87096	62.034	ng	#	60
57) 2,4-Dinitrotoluene	14.64	165	184710	74.275	ng	#	60
58) Fluorene	15.29	166	642033	80.153	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	181900	77.956	ng	#	94
60) Diethylphthalate	15.07	149	660116	80.062	ng		96
61) 4-Chlorophenyl-phenylether	15.29	204	414119	91.513	ng		98
62) 4-Nitroaniline	15.36	138	119009	61.757	ng	#	58
63) Azobenzene	15.58	77	644373	95.276	ng		84
65) 4,6-Dinitro-2-methylphenol	15.42	198	97472	86.581	ng		91
66) n-Nitrosodiphenylamine	15.52	169	493968	85.831	ng		98
67) 4-Bromophenyl-phenylether	16.19	248	229957	94.608	ng		95
68) Hexachlorobenzene	16.29	284	264095	90.950	ng	#	87
69) Atrazine	16.48	200	148801	79.511	ng		97
70) Pentachlorophenol	16.64	266	127695	81.620	ng		99
71) Phenanthrene	17.04	178	868941	82.577	ng		99
72) Anthracene	17.13	178	866649	83.143	ng		98
73) Carbazole	17.42	167	711082	77.154	ng		98
74) Di-n-butylphthalate	17.96	149	1070750	94.903	ng	#	98
75) Fluoranthene	19.06	202	1030784	84.827	ng		98
77) Benzidine	19.27	184	270084	50.509	ng		99
78) Pyrene	19.43	202	1047925	78.466	ng		99
80) Butylbenzylphthalate	20.33	149	468518	88.015	ng		86
81) Benzo(a)anthracene	21.19	228	1069264	85.181	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	361936	76.124	ng		99
83) Chrysene	21.24	228	1019413	85.248	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	703636	92.875	ng		94
85) Di-n-octyl phthalate	21.97	149	1141934	95.841	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.61	276	1182257	89.348	ng	#	96
88) Benzo(b)fluoranthene	22.74	252	987714	81.723	ng	#	98
89) Benzo(k)fluoranthene	22.79	252	994229	85.100	ng	#	99
90) Benzo(a)pyrene	23.30	252	902955	82.797	ng	#	98
91) Dibenzo(a,h)anthracene	25.61	278	1004446	92.381	ng	#	96
92) Benzo(g,h,i)perylene	26.28	276	840180	82.863	ng		97

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

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