Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027164.D
Acq On : 21 Aug 2020 10:45
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Sohil
8/24/2020 1:48:32 PM

Quant Time: Aug 24 10:39:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 13:56:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	29203	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	100483	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	76448	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	182078	20.00	ng		0.00
76) Chrysene-d12	21.19	240	219753	20.00	ng		0.00
86) Perylene-d12	23.38	264	251925	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	14363	8.12	ng		0.00
7) Phenol-d6	6.79	99	20670	7.52	ng		0.00
23) Nitrobenzene-d5	8.75	82	27255	11.50	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	12139	10.99	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	63841	11.06	ng		0.00
79) Terphenyl-d14	19.63	244	121654	10.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	3784	4.486	ng	#	94
3) Pyridine	3.59	79	8538	3.500	ng	#	90
4) n-Nitrosodimethylamine	3.50	42	4668	3.365	ng	#	61
6) Aniline	6.95	93	12904	3.810	ng		96
8) 2-Chlorophenol	7.18	128	8568	4.165	ng		87
9) Benzaldehyde	6.76	77	7973	5.308	ng		96
10) Phenol	6.82	94	11111	4.081	ng		86
11) bis(2-Chloroethyl)ether	7.05	93	8701	3.852	ng		96
12) 1,3-Dichlorobenzene	7.50	146	12909	5.717	ng		87
13) 1,4-Dichlorobenzene	7.65	146	12385	5.386	ng		93
14) 1,2-Dichlorobenzene	7.96	146	11988	5.262	ng		89
15) Benzyl Alcohol	7.85	79	9801	4.180	ng		92
17) 2-Methylphenol	8.06	107	7035	3.449	ng	#	93
18) Hexachloroethane	8.69	117	5167	5.685	ng		91
19) n-Nitroso-di-n-propylamine	8.41	70	7994	3.537	ng	#	99
20) 3+4-Methylphenols	8.37	107	8696	3.071	ng		92
22) Acetophenone	8.43	105	14657	5.116	ng	#	89
24) Nitrobenzene	8.80	77	14194	5.756	ng		98
25) Isophorone	9.33	82	19248	4.274	ng		99
26) 2-Nitrophenol	9.51	139	3852	4.131	ng		98
27) 2,4-Dimethylphenol	9.57	122	6137	4.136	ng		96
28) bis(2-Chloroethoxy)methane	9.81	93	11124	4.481	ng	#	96
29) 2,4-Dichlorophenol	10.04	162	8870	5.418	ng		93
30) 1,2,4-Trichlorobenzene	10.25	180	13279	7.243	ng		92
31) Naphthalene	10.43	128	28918	5.166	ng		98
32) Benzoic acid	9.63	122	3144	2.742	ng	#	87
33) 4-Chloroaniline	10.55	127	10618	4.361	ng	#	90
34) Hexachlorobutadiene	10.73	225	10462	8.602	ng		89
35) Caprolactam	11.30	113	1654	2.883	ng	#	80
36) 4-Chloro-3-methylphenol	11.67	107	8536	4.177	ng		91
37) 2-Methylnaphthalene	12.06	142	21267	5.169	ng		91
38) 1-Methylnaphthalene	12.27	142	21005m	5.346	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	14960	5.985	ng	#	97
41) Hexachlorocyclopentadiene	12.42	237	7693	6.338	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.67	196	8340	5.094	ng		94
44) 2,4,5-Trichlorophenol	12.74	196	9209m	4.826	ng		
46) 1,1'-Biphenyl	13.08	154	30450	4.998	ng		97
47) 2-Chloronaphthalene	13.12	162	25679	5.247	ng		95
48) 2-Nitroaniline	13.32	65	6810	3.408	ng		90
49) Acenaphthylene	13.97	152	34948	4.472	ng		100
50) Dimethylphthalate	13.71	163	33255	5.140	ng	#	98
51) 2,6-Dinitrotoluene	13.82	165	5644	4.041	ng	#	55
52) Acenaphthene	14.32	154	22977	4.847	ng		99
53) 3-Nitroaniline	14.15	138	5156	3.533	ng		93
54) 2,4-Dinitrophenol	14.36	184	2710	3.230	ng		94
55) Dibenzofuran	14.65	168	39190	5.072	ng		95
56) 4-Nitrophenol	14.46	139	3865	3.413	ng		88
57) 2,4-Dinitrotoluene	14.62	165	7777	3.917	ng	#	74
58) Fluorene	15.30	166	30458	4.775	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.88	232	8776	5.293	ng		97
60) Diethylphthalate	15.09	149	32455	4.765	ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	19074	5.511	ng		96
62) 4-Nitroaniline	15.31	138	5213	3.538	ng	#	74
63) Azobenzene	15.59	77	34151	4.573	ng		89
65) 4,6-Dinitro-2-methylphenol	15.38	198	4154	3.265	ng		91
66) n-Nitrosodiphenylamine	15.52	169	26625	4.539	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	11681	5.144	ng		94
68) Hexachlorobenzene	16.31	284	14139	5.946	ng		96
69) Atrazine	16.47	200	10266	5.889	ng		97
70) Pentachlorophenol	16.65	266	6497	4.726	ng		93
71) Phenanthrene	17.04	178	53044	4.928	ng		99
72) Anthracene	17.13	178	47805	4.459	ng		97
73) Carbazole	17.40	167	43130	4.260	ng		99
74) Di-n-butylphthalate	17.98	149	47489	3.751	ng	#	95
75) Fluoranthene	19.06	202	63965	4.916	ng		98
77) Benzidine	19.24	184	17796	4.383	ng	#	93
78) Pyrene	19.42	202	66492	4.630	ng		99
80) Butylbenzylphthalate	20.34	149	21147	3.337	ng		90
81) Benzo(a)anthracene	21.18	228	75652	5.108	ng		98
82) 3,3'-Dichlorobenzidine	21.12	252	24194	5.235	ng	#	97
83) Chrysene	21.23	228	76547	5.350	ng		97
84) Bis(2-ethylhexyl)phthalate	21.13	149	30247	3.077	ng		98
85) Di-n-octyl phthalate	22.00	149	49445	3.027	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.56	276	122473	7.320	ng		96
88) Benzo(b)fluoranthene	22.73	252	82658m	4.824	ng		
89) Benzo(k)fluoranthene	22.77	252	84934	5.059	ng		98
90) Benzo(a)pyrene	23.29	252	78578	5.088	ng		97
91) Dibenzo(a,h)anthracene	25.57	278	102525	7.252	ng		97
92) Benzo(g,h,i)perylene	26.23	276	102877	7.902	ng		97

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

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