Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027170.D
Acq On : 21 Aug 2020 14:23
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
8/24/2020 1:48:37 PM

Quant Time: Aug 21 14:57:22 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	101378	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	344344	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	242544	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	554083	20.00	ng		0.00
76) Chrysene-d12	21.20	240	622136	20.00	ng		0.00
86) Perylene-d12	23.38	264	593888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	860074	140.14	ng		0.00
7) Phenol-d6	6.80	99	1187739	124.45	ng		0.00
23) Nitrobenzene-d5	8.76	82	1315193	161.91	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	649894	185.46	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	2885021	157.61	ng		0.00
79) Terphenyl-d14	19.64	244	5705564	174.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	186469	63.677	ng		98
3) Pyridine	3.59	79	551964m	65.188	ng		
4) n-Nitrosodimethylamine	3.50	42	216889	45.036	ng		84
6) Aniline	6.95	93	643213	54.712	ng		98
8) 2-Chlorophenol	7.19	128	430314	60.255	ng		97
9) Benzaldehyde	6.76	77	334643	64.177	ng		100
10) Phenol	6.83	94	549003	58.090	ng		93
11) bis(2-Chloroethyl)ether	7.05	93	440962	56.239	ng		94
12) 1,3-Dichlorobenzene	7.50	146	562046	71.705	ng		97
13) 1,4-Dichlorobenzene	7.65	146	571342	71.572	ng		99
14) 1,2-Dichlorobenzene	7.96	146	536842	67.878	ng		98
15) Benzyl Alcohol	7.86	79	498264	61.219	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.15	45	345773	21.481	ng		95
17) 2-Methylphenol	8.06	107	365668	51.642	ng		97
18) Hexachloroethane	8.69	117	229657	72.787	ng		98
19) n-Nitroso-di-n-propylamine	8.43	70	423056	53.921	ng		98
20) 3+4-Methylphenols	8.39	107	502560	51.130	ng		94
22) Acetophenone	8.43	105	748690	76.263	ng	#	96
24) Nitrobenzene	8.80	77	642469	76.032	ng		95
25) Isophorone	9.33	82	990836	64.205	ng		99
26) 2-Nitrophenol	9.50	139	238356	74.595	ng		95
27) 2,4-Dimethylphenol	9.57	122	339369	66.748	ng		97
28) bis(2-Chloroethoxy)methane	9.81	93	618148	72.661	ng		99
29) 2,4-Dichlorophenol	10.04	162	476870	85.000	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	585047	93.115	ng		99
31) Naphthalene	10.43	128	1392765	72.611	ng		100
32) Benzoic acid	9.75	122	294329	74.894	ng		97
33) 4-Chloroaniline	10.55	127	599694	71.881	ng		98
34) Hexachlorobutadiene	10.73	225	400381	96.067	ng		98
35) Caprolactam	11.34	113	142691	72.583	ng		95
36) 4-Chloro-3-methylphenol	11.68	107	496346	70.868	ng		99
37) 2-Methylnaphthalene	12.06	142	1070975	75.954	ng		97
38) 1-Methylnaphthalene	12.27	142	1019533	75.720	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	666184	84.001	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	387700	100.670	ng	97
43) 2,4,6-Trichlorophenol	12.67	196	431725	83.107	ng	99
44) 2,4,5-Trichlorophenol	12.75	196	446342	73.720	ng	99
46) 1,1'-Biphenyl	13.09	154	1412896	73.097	ng	100
47) 2-Chloronaphthalene	13.12	162	1215404	78.280	ng	98
48) 2-Nitroaniline	13.32	65	414913	65.454	ng	98
49) Acenaphthylene	13.97	152	1786917	72.064	ng	99
50) Dimethylphthalate	13.72	163	1536338	74.850	ng	100
51) 2,6-Dinitrotoluene	13.83	165	328330	74.092	ng	97
52) Acenaphthene	14.32	154	1109674	73.778	ng	99
53) 3-Nitroaniline	14.16	138	339811	73.402	ng	97
54) 2,4-Dinitrophenol	14.36	184	191550	71.956	ng	97
55) Dibenzofuran	14.66	168	1793815	73.181	ng	96
56) 4-Nitrophenol	14.47	139	273436	76.102	ng	93
57) 2,4-Dinitrotoluene	14.62	165	472709	75.051	ng	93
58) Fluorene	15.30	166	1543041	76.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	444668	84.535	ng	99
60) Diethylphthalate	15.10	149	1555923	71.997	ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	859635	78.286	ng	97
62) 4-Nitroaniline	15.33	138	385084	82.373	ng	92
63) Azobenzene	15.60	77	1584687	66.889	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	249859	64.537	ng	97
66) n-Nitrosodiphenylamine	15.52	169	1302044	72.943	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	546307	79.056	ng	96
68) Hexachlorobenzene	16.32	284	642192	88.753	ng	96
69) Atrazine	16.48	200	491795	92.708	ng	99
70) Pentachlorophenol	16.65	266	380369	90.926	ng	99
71) Phenanthrene	17.04	178	2525870	77.114	ng	100
72) Anthracene	17.13	178	2454657	75.241	ng	99
73) Carbazole	17.40	167	2277297	73.921	ng	99
74) Di-n-butylphthalate	17.98	149	2725604	70.739	ng	99
75) Fluoranthene	19.06	202	3169592	80.051	ng	99
77) Benzidine	19.24	184	817911	71.158	ng	100
78) Pyrene	19.43	202	3234845	79.556	ng	100
80) Butylbenzylphthalate	20.34	149	1283377	71.529	ng	98
81) Benzo(a)anthracene	21.18	228	3311565	78.974	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	1207036	92.252	ng	99
83) Chrysene	21.23	228	3182459	78.568	ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	1787038	64.208	ng	99
85) Di-n-octyl phthalate	22.00	149	2963235	64.068	ng	99
87) Indeno(1,2,3-cd)pyrene	25.58	276	3751295	95.114	ng	100
88) Benzo(b)fluoranthene	22.74	252	3378941	83.642	ng	99
89) Benzo(k)fluoranthene	22.78	252	3301163	83.405	ng	100
90) Benzo(a)pyrene	23.29	252	3100651	85.160	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	3127561	93.847	ng	99
92) Benzo(g,h,i)perylene	26.24	276	2951088	96.158	ng	99

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

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