Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026674.D
Acq On : 07 Jul 2020 13:07
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:12 AM

Quant Time: Jul 07 14:22:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 14:16:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	63308	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	298423	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	202263	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	468399	20.00	ng		0.00
76) Chrysene-d12	20.97	240	566987	20.00	ng		0.00
86) Perylene-d12	23.04	264	617758	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	163373	42.63	ng		0.00
7) Phenol-d6	6.54	99	254913	42.77	ng		0.00
23) Nitrobenzene-d5	8.48	82	286224	40.66	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	121153	41.46	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	616692	40.40	ng		0.00
79) Terphenyl-d14	19.41	244	1177215	39.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	39139	21.403	ng		96
3) Pyridine	3.34	79	110629	20.922	ng		98
4) n-Nitrosodimethylamine	3.26	42	70461	23.429	ng		97
6) Aniline	6.67	93	156849	21.365	ng		99
8) 2-Chlorophenol	6.90	128	95197	21.346	ng		96
9) Benzaldehyde	6.49	77	78854	24.216	ng		96
10) Phenol	6.56	94	126075	21.362	ng		98
11) bis(2-Chloroethyl)ether	6.78	93	106493	21.749	ng		100
12) 1,3-Dichlorobenzene	7.22	146	104433	21.335	ng		99
13) 1,4-Dichlorobenzene	7.36	146	106253	21.315	ng		97
14) 1,2-Dichlorobenzene	7.67	146	105966	21.455	ng		99
15) Benzyl Alcohol	7.59	79	108244	21.297	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.87	45	222784	22.163	ng		99
17) 2-Methylphenol	7.79	107	96755	21.881	ng		99
18) Hexachloroethane	8.38	117	41796	21.213	ng		91
19) n-Nitroso-di-n-propylamine	8.15	70	107714	21.985	ng		99
20) 3+4-Methylphenols	8.12	107	132164	21.532	ng		96
22) Acetophenone	8.15	105	172471	20.272	ng	#	98
24) Nitrobenzene	8.52	77	150443	20.544	ng		98
25) Isophorone	9.05	82	274245	20.505	ng		99
26) 2-Nitrophenol	9.22	139	54652	19.735	ng		99
27) 2,4-Dimethylphenol	9.30	122	91352	20.732	ng		99
28) bis(2-Chloroethoxy)methane	9.53	93	153194	20.778	ng		99
29) 2,4-Dichlorophenol	9.76	162	98353	20.229	ng		99
30) 1,2,4-Trichlorobenzene	9.96	180	110662	20.323	ng		99
31) Naphthalene	10.13	128	339932	20.449	ng		99
32) Benzoic acid	9.46	122	55691	16.352	ng		98
33) 4-Chloroaniline	10.26	127	146907	20.318	ng		98
34) Hexachlorobutadiene	10.43	225	73212	20.270	ng		98
35) Caprolactam	11.05	113	35172	20.644	ng		89
36) 4-Chloro-3-methylphenol	11.41	107	126761	20.884	ng		99
37) 2-Methylnaphthalene	11.76	142	250010	20.459	ng		100
38) 1-Methylnaphthalene	11.99	142	240532	20.613	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	133402	20.171	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	56055	17.454 ng	97
43) 2,4,6-Trichlorophenol	12.40	196	89148	20.579 ng	97
44) 2,4,5-Trichlorophenol	12.48	196	104801	20.757 ng	98
46) 1,1'-Biphenyl	12.81	154	328400	20.374 ng	99
47) 2-Chloronaphthalene	12.84	162	264562	20.433 ng	98
48) 2-Nitroaniline	13.07	65	109589	20.731 ng	99
49) Acenaphthylene	13.70	152	420914	20.356 ng	100
50) Dimethylphthalate	13.47	163	357396	20.880 ng	100
51) 2,6-Dinitrotoluene	13.59	165	77141	20.875 ng	95
52) Acenaphthene	14.06	154	258200	20.585 ng	97
53) 3-Nitroaniline	13.92	138	79036	20.472 ng	98
54) 2,4-Dinitrophenol	14.14	184	38738	17.450 ng	92
55) Dibenzofuran	14.40	168	420222	20.558 ng	98
56) 4-Nitrophenol	14.26	139	58442	19.505 ng	99
57) 2,4-Dinitrotoluene	14.39	165	110002	20.943 ng	97
58) Fluorene	15.05	166	343938	20.382 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.64	232	90557	20.644 ng	99
60) Diethylphthalate	14.86	149	377243	20.933 ng	98
61) 4-Chlorophenyl-phenylether	15.06	204	188291	20.563 ng	97
62) 4-Nitroaniline	15.09	138	83087m	21.313 ng	
63) Azobenzene	15.35	77	418926	21.204 ng	97
65) 4,6-Dinitro-2-methylphenol	15.16	198	60755	18.563 ng	95
66) n-Nitrosodiphenylamine	15.28	169	303904	20.140 ng	100
67) 4-Bromophenyl-phenylether	15.96	248	118541	20.292 ng	100
68) Hexachlorobenzene	16.06	284	126913	20.748 ng	99
69) Atrazine	16.25	200	102677	22.896 ng	98
70) Pentachlorophenol	16.42	266	68511	19.373 ng	97
71) Phenanthrene	16.79	178	564517	20.387 ng	99
72) Anthracene	16.89	178	559296	20.280 ng	100
73) Carbazole	17.16	167	537468	20.638 ng	100
74) Di-n-butylphthalate	17.75	149	675200	20.729 ng	99
75) Fluoranthene	18.82	202	697765	20.846 ng	99
77) Benzidine	19.03	184	246405	23.522 ng	100
78) Pyrene	19.19	202	735786	19.856 ng	99
80) Butylbenzylphthalate	20.13	149	327461	20.026 ng	98
81) Benzo(a)anthracene	20.95	228	791646	20.715 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	256751	21.532 ng	98
83) Chrysene	21.00	228	762957	20.668 ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	530395	20.911 ng	99
85) Di-n-octyl phthalate	21.76	149	903346	21.431 ng	99
87) Indeno(1,2,3-cd)pyrene	25.05	276	911281	22.213 ng	100
88) Benzo(b)fluoranthene	22.44	252	830349	19.760 ng	99
89) Benzo(k)fluoranthene	22.47	252	797610	19.373 ng	100
90) Benzo(a)pyrene	22.95	252	760425	20.078 ng	100
91) Dibenzo(a,h)anthracene	25.06	278	762533	21.997 ng	99
92) Benzo(g,h,i)perylene	25.66	276	725987	22.742 ng	98

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

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